

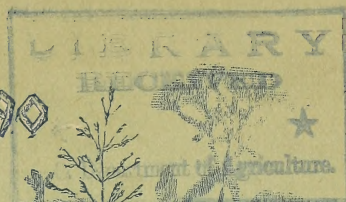
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SPRING of 1890



CHOICE SELECTIONS IN SEEDS AND PLANTS

13



Offered by
E. R. PIERSON.
TARRYTOWN,
NEW YORK.

SP 115
P 62

SOME SUGGESTIONS AND DIRECTIONS

To be Read Carefully Before Making Up Your Order.

HOW TO SEND MONEY.—Payments for Seeds and Plants should be made by Bank Drafts on New York or by Post Office Money Order (if it can be had at your post office), made payable to F. R. PIERSON, Tarrytown, N. Y.; if not, then in a registered letter, in bills; fractional parts of a dollar in postage stamps; never send silver. Letters can be registered at any post office in the United States on the payment of ten cents. In any of these ways money will reach us safely. Cash sent in unregistered letters is at sender's risk. Money when sent us as directed is at our risk. Orders unaccompanied by a remittance, will be forwarded by Express, C. O. D.

BE SURE AND WRITE YOUR NAME AND ADDRESS PLAINLY.

—Remember that our clerks are not intimately acquainted with your hand-writing, and what may seem plain to you is often obscure or unintelligible to them; a little care in this respect will save us an endless amount of annoyance. Signatures, the most important part, are invariably written more carelessly than anything else. Strange as it may seem, every season brings letters with no signatures or no P. O. address, or no State; sometimes one is omitted, sometimes all. Please write name, P. O. address (and express office, when different from P. O.) and State plainly every time you have occasion to write us.

DO NOT SEND ORDERS FOR PLANTS LESS THAN \$1.00 IN AMOUNT.

—We are compelled to decline filling orders for Plants that amount to less than \$1.00, as the cost of box and labor, etc., in the superior manner in which we pack our Plants, and at our low prices, is more than the profit on an order of less value than \$1.00 amounts to, as you will easily understand if you give it a moment's consideration; orders for Seeds, however, will be filled for any amount.

HOW TO HAVE PLANTS SENT.

—Our advice as to whether Plants should be sent by Mail or Express, is this: always have your Plants go by Express, when within reasonable distance, and at places where there are Express offices.

In large lots, except to very distant points, the best means of shipment is by Express, but in small lots and to distant points, Plants go cheaper and nearly as well by Mail.

WE PACK OUR PLANTS FOR THE MAILS securely in a strong wooden box, made especially for the purpose, which ensures the safety of the Plants, and prevents their being crushed. We guarantee their safe arrival.

Sending Plants through the Mail has become a very large business. This is, indeed, the only means of obtaining them which is at all practicable for persons off the direct line of the railroad, and at a great distance, without incurring very heavy expense. Long practice has brought the art of packing Plants to such perfection that we send them out with perfect certainty of their reaching their destination in fine growing condition.

HOW FAR PLANTS CAN BE SENT.

—Our manner of packing is so perfect that any part of the United States in perfect order, in good growing condition. After that, our responsibility ceases; and if packages are delayed and plants injured, we will make good any loss sustained, if notified of the fact at once upon receipt of Plants.

HOW TO HAVE SEEDS SENT.

—Seeds being very light, as a rule, go cheaper by Mail than by Express, and are mailed free, at Catalogue prices, except Peas, Beans and Corn, by the quart or upwards, and Seeds at pound rate; but, except to very distant points, when Seeds are ordered in quantity larger than packets and ounces, the best and cheapest means of shipment is by Express.

NO POSTAGE REQUIRED WHEN PLANTS ARE SENT BY MAIL, EXCEPT WHERE OTHERWISE STATED.

—Owing to the reduction in postage by the Government on bulbs and plants, we send all bulbs and plants free by mail at Catalogue prices, except where otherwise stated, as in the case of certain bulbs, small fruits, and plants, where the cost of postage is relatively disproportionate to the value of the plants.

POSTAGE REQUIRED WHEN SEEDS ARE SENT BY MAIL.

—We mail all Seeds in packets and ounces, at Catalogue prices, free to any Post Office. When Peas, Beans and Corn, by the quart or upwards, and Seeds at pound rates, are ordered by Mail, add 10 cents extra per quart for Corn, and 15 cents extra per quart for Peas and Beans, and 8 cents extra per pound for postage.

All goods offered in this Catalogue are ready to send immediately, unless otherwise noted, as in the case of certain Bulbs and Plants that are not in season so early. Orders received for such articles with goods now ready, will have all goods ready sent at once, and articles not in season will be sent later, and as soon thereafter as possible, a reason being given at time of shipment for any and all omissions.

Address all orders and letters to

F. R. PIERSON, Florist and Seedsman,
TARRYTOWN, NEW YORK.

F. R. PIERSON, TARRYTOWN, N. Y.,

Will please forward by _____

Please state on this line whether to be sent by Mail or Express. If by Express, please give name of Express Co.

Name of Person _____

Enclosed is Cash, \$ _____
(If in Registered Letter.)

" Post Office _____

" Bank Draft, \$ _____

" Express Office (If different from P. O.) _____

" Post Office Order, \$ _____

" County _____

Or C. O. D., \$ _____

" State _____

Date, _____ 1890.

BE SURE AND WRITE YOUR NAME AND ADDRESS PLAINLY.

REMARKS.

ACK. RECEIPT OF ORDER, _____

NOTIFIED OF SHIPMENT, _____

FILLED BY _____

PACKED BY _____

SHIPPED BY _____

DATE OF SHIPMENT, _____ 1890.

**MAKE OUT ORDER FOR SEEDS
IN THIS COLUMN.**

SEEDS BY MAIL.—We mail all seeds in packets and ounces at Catalogue prices, *free to any Post Office, but when Peas, Beans and Corn by the quart or upward, and seeds at lb. rates, are ordered by mail, add 10 cents extra per quart for Corn, and 15 cents extra per quart for Peas and Beans, and 8 cents extra per pound to pay postage.*

**MAKE OUT ORDER FOR PLANTS
IN THIS COLUMN.**

PLANTS BY MAIL.—We mail all Bulbs and Plants, free by mail at catalogue prices, without charge for postage, *except where otherwise stated.*

◇ SPRING, 1890. ◇

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COPYRIGHTED 1890
BY F. R. PIERSON,
TARRY TOWN N.Y.

THE JAPANESE SNOWBALL "VIBURNUM PLICATUM"

THIS new Japanese variety of the old-fashioned "Snowball" is one of the most valuable additions ever made to our list of hardy shrubs, and is conceded by all the leading writers and landscape gardeners to be the best shrub for all purposes and all situations grown in this country. Its value was always recognized, but, being difficult to propagate, it has been exceedingly scarce and high-priced. We are glad to be able to offer a fine supply of this rare and elegant plant at a moderate price.

It forms an erect, compact shrub, 4 to 6 feet high, absolutely hardy; it blooms in early June, and for a long time is a solid mass of white, the plants being completely covered from the ground to the tops of the branches with balls of flowers as white as snow, clustered one against the other in dense masses. The young stems are of a light coppery color; the leaves are plaited, hence the name "Plicatum," giving it a very ornamental and unique appearance when not in bloom; the foliage in early summer is olive-green, turning very dark later in the season.

The above illustration, a photograph taken from a plant blooming in our grounds, will give a good idea of this elegant shrub.

Price, extra size blooming plants (by express only), 75 cents each; \$7.50 per dozen.

Price, strong young plants, 50 cents each; \$5.00 per dozen.

EXOCHORDA GRANDIFLORA.

Unquestionably one of the choicest contributions to the long list of floral beauties that we have received from Japan. It is extremely hardy, forming finally a neat compact bush 10 to 12 feet high. The flowers are borne in slender racemes of eight or ten florets each, on light drooping branches, giving a peculiarly graceful appearance to the bush. They are 1½ inches in diameter, the petals pure snowy-white, the calyx and receptacle showing a small dot of green in the center of each, while the unexpanded buds are like small, round buttons or beads of pearly whiteness. There is a delicate fragrance which adds to the charm of these beautiful blossoms.

Price, extra size blooming plants (by express only), 50 cents each; \$5.00 per dozen.

Price, strong young plants, 25 cents each; \$2.50 per dozen.



THE VERY CHOICEST HARDY HYBRID PERPETUAL ROSES.

We have imported from the best European sources one of the most carefully selected lists of Hardy Hybrid Perpetual Roses to be found anywhere, as those who are acquainted with any of these varieties will corroborate. They are selected with a view to suit such customers as are critical, and who want the very best obtainable; and we believe the following lists will bear the most rigid scrutiny from the most critical rosarian. That there are other good Roses, and many of them, we do not deny, but we do claim that the following list contains the best. Roses that could be selected, considering perfection of flower, profusion of bloom, fragrance, large size, freedom from disease, vigor, brilliant colors that do not quickly fade, and as wide a range of color as there is.

GLORIE DE PARIS (Anne De Diesbach).

Very large and finely shaped flowers, beautiful and perfect when in bud, and very large and double when open; color a lovely shade of carmine; very fragrant; very desirable for the garden, as it is very hardy and blooms very freely. For forcing for winter flowers, it is one of the very choicest.

Price, extra large

plants, very fine (by express only), 60 cents each.

MAGNA CHARTA.

A grand Rose; the flowers are immense; the largest of all, but beautifully shaped, full and sweet; color rich dark pink; blooms all the season, and is unusually strong and vigorous, with fine, robust foliage—by many considered the finest Rose of all, and one that cannot fail to please every one.

Price extra large

plants, very fine (by express only), 60 cents each.

PAUL NERON.

A very strong grower, with fine robust foliage; flowers extra large, full and sweet; color rich dark pink; beautifully shaped and colored. Highly recommended; forces well and brings the highest prices.

Price, extra large plants, very fine (by express only), 60 cents each.

GENERAL JACQUEMINOT.

This might be called "The Rose for the Million," for, although not new by any means, its sterling good qualities still entitle it to a place even in the choicest collection. Bright crimson scarlet, exceedingly rich and velvety. The buds and partly expanded flowers are beautiful, and much sought for by all. A strong, healthy grower, and free bloomer. If one has room for but one rose, this one should be chosen. Grown more extensively than any other rose, especially for winter, and known to every rose grower.

Price, extra large

plants (by express only), 60 cents each.

CAPTAIN CHRISTY.

A magnificent Rose; extra large flowers; very double and full; color, a lovely shade of pale peach, deepening at the centre to rosy crimson, the whole flower possessing a bright, satiny appearance; very beautiful, and one of the finest Roses of recent introduction; flowering almost from time it is planted until frost.

Price, extra large

plants, very fine (by express only), 60c. each.

LA ROSIERE.

Fiery crimson, shaded with black, centre rich velvety crimson; very dark, rich and velvety. Flowers large, double and beautifully formed—elegantly scented—an improvement on "Prince Camille de Rohan," the flowers being darker and more freely produced. This variety approaches a black rose most nearly of any.

Price, extra large

plants, very fine (by express only), 60 cents each.

"I have received the roses in fine condition, for which accept my thanks for your liberality."

Portland, Oregon.

Mrs. M. L. NICHOLSON.

**BARONESS DE ROTHSCHILD.**

Our engraving shows the symmetrical and beautifully cupped shape of this exquisite rose; it and its companion rose, "Merville de Lyon," being the most perfect shaped roses there are. The color is a most delicate shade of shell pink. Greatly valued both as an exhibition and a garden sort. Very hardy; its only fault is that it is not fragrant; but, notwithstanding this, it is by many considered the very finest rose there is. One thing is certain: the flowers command the highest prices, usually selling in the winter from 50 cents to \$1.00 each. The foliage clusters around each flower, which are borne on long, stout stems, forming a beautiful setting to this floral gem. One such rose forms a beautiful bouquet in itself.

Price, extra large

plants, very fine (by express only), 60 cents each.

JOHN HOPPER.

One of the most constant and abundant blooming roses in cultivation; will produce more roses in the fall than any other sort, and for this reason and its other points of excellence, should always be selected. Color, brilliant rose, dark glowing pink in centre; very fragrant.

Price, extra large

plants, very fine (by express only), 60c. each.

**SINGLE PLANTS OF SPECIAL NAMED KINDS OF THESE HARDY
HYBRID PERPETUAL ROSES**

are furnished at the foregoing prices, but in quantities of 1 doz. and upwards we furnish at
\$6.00 per doz., \$40 per 100.

These roses are all on their own roots, are in 6 and 7 inch pots, and are fine, strong plants. And at these prices we will make selections of the choicest varieties when so desired.

THE BEST OF THE MONTHLY ROSES.

Appreciating the confusion and inability, of those unacquainted personally with the merits of varieties, of making a judicious selection of Roses from among the host of Roses offered by some firms, we have made a new departure in this line, in having selected a choice list of extra fine and desirable Roses, embracing a wide range of colors. Many Roses, while having fine individual flowers, are either very sparse bloomers, or so subject to mildew and disease as to be practically worthless, or they are so like other sorts as to hardly be distinguishable by an expert. The following lists which we have the pleasure to offer are unusually valuable.

The monthly or ever-blooming roses flower continuously, giving a constant succession of bloom the entire summer, from the time of planting until stopped by frost. They bloom and flourish luxuriantly in all parts of the country, from Canada to Mexico. A bed of Monthly Roses is one of the most satisfactory things one can have. In the north they require protection, which can be given by a few evergreen boughs or leaves, but in the south they are perfectly hardy.



CATHERINE MERMET.

AGRIPPINA.

Rich velvety crimson, buds small, but it produces an incredible number of flowers. For bedding it is unsurpassed; few roses are so rich in color.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

BON SILENE.

Grown by every florist for the beauty of its buds and its delightful fragrance. Dark carmine rose, very handsome; a strong, healthy grower; best.

Price, extra blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

COQUETTE DE LYON.

Canary yellow, very bright, flowers large and open, borne with remarkable freedom and constancy. The plant is vigorous and branching, and always brilliant with roses. Will please.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

CATHERINE MERMET.

Of a bright but very soft, silvery rose color; a charming shade that alone would make the rose a favorite. The form of the flower is singularly beautiful, and its fragrance is delightful. The plant is free and healthy. One of the finest Teas, and unequalled by any rose of its color.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

DUCHESS.

Soft rosy flesh, changing to deep rose; delightful tea scent, beautiful buds and flowers. One of the most satisfactory.

Price, extra size blooming plants (by express only) 25 cents each; strong young plants, 12 cents each.

HERMOSA.

Was grown in all rose gardens thirty years ago, and is equally indispensable to-day. Always in bloom and always beautiful. The flower is finely formed and full; the most pleasing shade of pink, soft but deep; fragrant.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.



MD. CUSIN.

MARIE GUILLOT.

White monthly roses are always in demand, but most have been weak growers or had some other radical fault; but this is superior to all other white Tea Roses for out-door bloom; the flower is large and very double, perfection in form; pure white, and blooms freely.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

SUNSET.

Introduced in spring of 1884. Identical with that hitherto unequalled Rose, *Perle des Jardins*, except that its color, instead of being a canary yellow, as in that variety, is of the rich shade of saffron and orange, similar but deeper than the coloring of "*Safrano*" or "*Md. Falcot*." So good a rose of this color, with the large size and perfection of the "*Perle*," will be hailed with delight by every grower of roses. In size, vigor and productiveness it is in all respects the same as the variety from which it sprung, except that the color of the young foliage is of a much deeper crimson, which contrasts beautifully with the orange-tinted saffron flowers. We have no rose in our collection which shows such a deep tint of crimson in the foliage.

As a new color for winter forcing it will be much prized, and is also especially valuable as a summer-blooming rose out-doors. Anyone that has seen the rich tints of the old "*Safrano*" rosebuds, when grown out-doors, can form some conception of what "*Sunset*" must be, which is perfectly double, of fine form, richer tinted, and twice the size of "*Safrano*." "*Sunset*," from its being full and double, gives excellent buds, even in the hottest weather.

Price, extra size blooming plants (by express only), 25c. each.

Strong young plants 12c. each.

PAPA GONTIER.

This was the fashionable Tea Rose in New York last winter, and it is certainly a beautiful variety. It produces long pointed buds of a glowing carmine crimson color, which, though not very double, yet have such great substance of petal that it will keep longer after being cut than almost any other rose. It is a most profuse bloomer, and is adapted for either summer or winter flowering.

Price, extra size, blooming plants (by express only), 25 cents each.

Price, strong young plants, 12 cents each.

NIPHETOS.

Snowy white, long pointed buds; of no use for out-door planting, but for forcing for winter flowers, one of the very best, as no rose blooms more freely or produces finer buds, when protected under glass. Remains in the bud state a long time.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.

MME. DE WATTEVILLE.

One of the most remarkably beautiful roses ever introduced, besides possessing nearly all of a rose's good qualities. The habit is good, and it is a thrifty grower; the leafage is beautiful, the fragrance very delightful, while peculiar. This is the "*Tulip Rose*," so called in Europe because of the leafy shading of bright rose around the edge of every petal, the body of the petal being creamy white and of heavy texture. This rose but adds to its reputation each succeeding season, and is now considered one of the finest roses in the list by leading growers.

Price, extra size, blooming plants (by express only), 25 cents each.

Strong young plants, 12 cents each.

MD. CUSIN.

A very beautiful rose, growing very vigorously and flowering very abundantly. Color, rosy-purple; base of petals and center of flowers almost white; very distinct.

Price extra size blooming plants (by express only), 25c.; strong young plants, 12c.

MADAME JOSEPH SCHWARTZ.

A lovely new Tea Rose; extra large globular flowers, very full and deliciously sweet; color pure white, elegantly tinged and shaded with pink; an exceedingly beautiful rose, and a constant and profuse bloomer, bearing large clusters of flowers.

Price, extra size blooming plants (by express only) 25c. each; strong young plants, 12c. each.

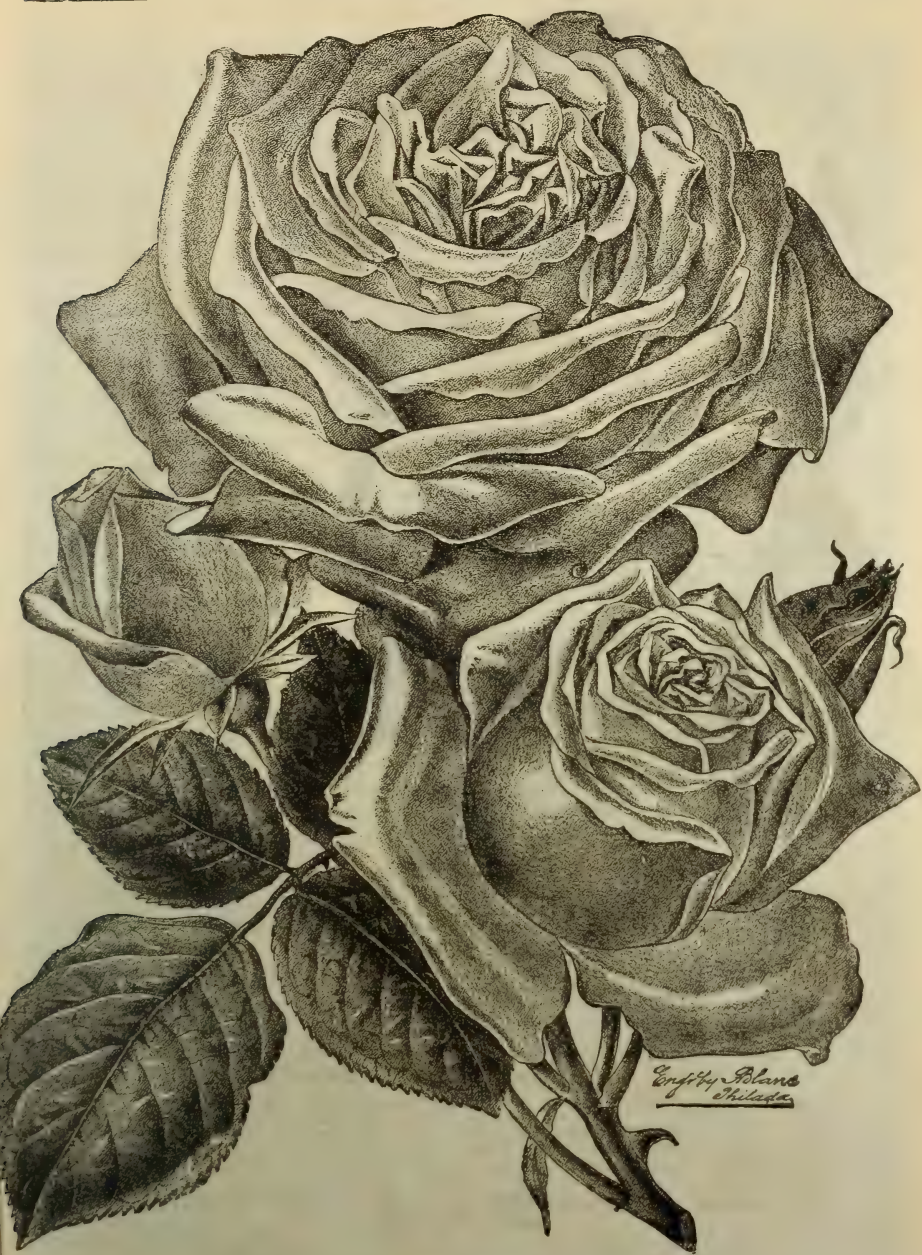




PERLE DES JARDINS.

Perles des Jardins.—This is without doubt the most valuable monthly rose in cultivation. It is as handsome as the old well-known and highly prized "Marechal Neil," which is recommended enough, the flowers being so nearly like it as to be practically indistinguishable, and they are now generally sold for that sort, and from which an amateur could not distinguish it; but, unlike that, it is a constant bloomer. The flowers are very large and double, of splendid form. A fine, strong, healthy grower, and in constant bloom the whole year through. Equally good for either summer or winter bloom. The illustration gives an idea of the size. Flowers bright golden yellow. In every respect a charming rose. No rose ever cultivated for cut flowers up to the present time is now so valuable as this.

Price, extra size blooming plants (by express only), 25 cents each; strong young plants, 12 cents each.



LA FRANCE.

Very large and beautiful, either in bud or when fully expanded. Peach color, shaded silvery rose; exquisite fragrance; the most delightfully scented of any rose in cultivation. A constant bloomer.

Extra size blooming plants (by express only), 25c. each.
Strong young plants, 12c. each

"The Plants and Seeds arrived yesterday in fine condition. Please accept my thanks for those extra plants. I figured the catalogue price of the same plants as sold by another dealer, and it came to nearly three times the cost of the plants just received."

Yours truly,

W. C. RUSSELL.

Hartford, Conn.



“THE BRIDE.”

This has become the most popular White Rose for winter flowering. It is a sport from “Catherine Mermet,” which it resembles in every respect except in color, which comes nearer to Cornelia Cook than to any other; but it is very much superior to that variety in blooming qualities. It is quite safe to say it will produce 3 to 4 times as many buds, and excel it in fragrance and grace of form. Another advantage it has over Cook is that the buds are not subject to rot in dull weather, as is frequent with the latter variety. As Mermet is queen among the pink Roses, so will its beautiful daughter reign over the white ones.

Price, extra size blooming plants, (by express only), 25c. each.

Price, strong young plants, 12c. each.

CAMOENS.

Large flower, of bright, silvery pink, shaded with yellow; one of the very freest bloomers. A very satisfactory rose, carrying superb blooms of shell-shape form.

Price, extra size blooming plants (by express only), 25c. each. Price, strong young plants, 12c. each.

MME. WELCHE.

An extra fine variety: very large, double, and of beautiful rounded form. Color apricot yellow, very heavily shaded throughout the centre of the flowers with dark orange red, variable at times, frequently coming light canary, with deep shadings. The flowers are large, of good size and substance, and endure well after opening, giving the bush a handsome appearance. One of the very best Tea Roses.

Price, extra size blooming plants (by express only), 25c. each. Price, strong young plants, 12c. each.

SOUV. GABRIELLE DREVET.

Salmon pink, with centre of coppery rose, of good size and fine form. This fine Rose has more than fulfilled its promise. We regard it as one of the very best introductions of later years. It is superbly rich, belonging to the class of “Tulip Roses,” carrying such fine combinations of color. Very satisfactory in habit, growth, and freedom of bloom.

Price, extra size blooming plants (by express only), 25c. each. Price, strong young plants, 12c. each.

SINGLE PLANTS OF SPECIAL NAMED KINDS OF THESE MONTHLY ROSES

are furnished at the foregoing prices, but in quantities of 1 doz. and upwards we furnish large, strong blooming plants at \$2.50 per Dozen; \$15.00 per 100.
Strong young plants, \$1.20 per Dozen; \$8.00 per 100.

HARDY CLIMBING ROSES.

These roses are suitable for pillars, verandas, etc., as they are rapid growers and entirely hardy.

Prairie Queen.—Rosy red, frequently with white stripe; elegant; very double and full. Profuse bloomer.

Baltimore Belle.—Pure white. The reverse of flower tinged with pink. Flowers in large clusters very freely. Splendid.

Extra large plants (by express only), 60c. each.
Strong young plants, 20c. each.





PLANTS, Novelties & Specialties.

THE MOST VALUABLE PLANTS OF THE SEASON AND
OF RECENT INTRODUCTION.

NEW ROSE—AMERICAN BEAUTY.

This new Rose, of American introduction, has attained the greatest popularity in the shortest time and created the greatest excitement of any new Rose ever offered in this country, and thus without any attempt to advertise it, the introducers relying upon its great value, which is apparent to anyone at a glance.

It is the sensation of the season in the New York cut flower market, and we feel warranted in saying that it is now the most profitable Rose for winter flowering.

It blooms continuously (like *La France*, only more so) on very long stems. It is the most vigorous growing Rose by far among continuously blooming roses, throwing up very strong stems from the base of the plant, every shoot terminated with a single flower, which is of the largest size. Color—deep rose.

In foliage and size of flower it resembles the large Hybrid Perpetual or Hardy class, and is similar to *Magna Charta* or *Glorie de Paris*. It is as fragrant as the most fragrant of Hardy Roses, which, coupled with its vigor, large size and beautiful color, long stems and continuous bloom, places it at the head of winter blooming Roses for the florist.

"W. S. A.," in the *American Florist*, says: "I think every one will vouch for the statement that *American Beauty* has proved itself to be the finest rose introduced in many years. It has sold for more money than was expected by any grower or wholesale dealer; very fine blooms (but only a limited quantity) have sold as high as \$1 each. At the present time this market could use several hundred or possibly a thousand a day at 50 cents each. The question now arises, how will *American Beauty* do when in competition with *Magna Charta* and *Glorie de Paris*? My opinion is that when well grown with its delightful fragrance it will not suffer."

When it is remembered that *American Beauty* blooms all the year round, and *Magna Charta* and *Glorie de Paris* but once a year, its value will be apparent, and it is more than likely to make the growing of such sorts as those named unprofitable.

New York Town Topics, the fashion paper of New York City, has this to say about it: "The advent of the splendid *American Beauty* has made large roses fashionable for the garniture of dresses, and a profession of them at that."

As a Summer blooming Rose for Summer bedding it is as equally desirable, as it gives a constant succession of the most perfect flowers of the largest size and most delicious fragrance.

It should be planted by every lover of this beautiful flower. No one can fail to find it satisfactory.

Price, extra size, plants (by express only), 50 cents each; \$5.00 per dozen.

Price, strong young plants, 30 cents each, \$3.00 per dozen.

NEW CRIMSON WINTER FLOWERING ROSE, "SOUVENIR DE WOOTON."

A valuable scarlet crimson Winter flowering Rose, much like *Jacqueminot* in size and color and for forcing will prove exceedingly valuable, as it is an easy variety to flower and has a delicious fragrance. The next best dark Rose to *American Beauty*. Throws good long stem, but frequently in clusters, in which case, by disbudding, the size of the flower is largely increased.

Price, extra size plants, 40 cents each; \$4.00 per dozen (by express only).

Price, strong young plants, 25 cents each; \$2.50 per dozen.

NEW CRIMSON SUMMER BLOOMING ROSE, "METEOR."

The finest crimson Summer blooming Rose: very double and very dark, velvety crimson. This will be a very valuable addition to Summer Roses, as even in the hottest summer weather the blooms are double and perfect.

Price, extra size plants (by express only), 30 cents; \$3.00 per dozen.

Price, strong young plants, 20 cents each; \$2.00 per dozen.

BEAUTIFUL "FAIRY" ROSES.

Something New and Good, "ROSA POLYANTHA," the Many-Flowered Rose.



REGISTERED
DPL.

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New roses from Japan, that wonderland of horticultural beauty. They bloom in immense clusters 30 to 50 together on a single stem. Delightfully fragrant. The flowers are of singular purity, and resemble miniature camellias. They are wonderfully beautiful, and bloom constantly, and are entirely distinct from every other rose, and must become very popular. A rose that will thrive where others fail, flourishing in the house, and planted in the garden, ARE A MASS OF BLOOM ALL THE TIME. They are elegant, blooming as freely as a geranium, and require as little care. They are perfectly hardy.

Perle D'Or.—Light saffron yellow, very beautiful; flowers freely; is the latest introduction.

Miniature. One of the most beautiful Polyantha roses; flowers quite small, and of regular form; plant very dwarf, but vigorous and branching. Color white, slightly tinted with a

Price, strong young plants, 12 cents each. Extra size blooming plants (by express only), 25 cents each.

DOUBLE MARGUERITE "CROWN OF GOLD."

ANTHEMIS CORONARIA FL. PL.

A valuable acquisition, either for pot culture or for bedding out. It blooms very freely at all seasons of the year, and is as easily grown as the old double White Feverfew, which in style of flower it somewhat resembles. The flowers are very double, from one inch to an inch and a quarter in diameter, of a beautiful deep golden yellow color. As a pot plant, for either winter or summer blooming, it has few equals, and when bedded out in open ground is a mass of golden yellow the whole season.

Price 15 cents each; 8 for \$1.00.

HELIANTHUS MULTIFLORUS PLENUS.

The Double Golden Sunflower.

Although it belongs to the Sunflower family, it does not look like one, more resembling a Dahlia. It is not coarse in growth, and furnishes a color that is desirable and at the same time scarce. This is one of those rare old plants that have been lost to cultivators for many years, and we are pleased to be able to offer it. The plant grows about three to four feet high, bearing numerous large golden heads of flowers as large as Dahlias, and continuing in bloom until frost, and will be much prized as corsage flowers. This is one of the showiest flowers, flowering among the first and continuing until freezing weather, during which time it is a dazzling mass of golden flowers. Few plants are more showy or popular.

Price 15 cents each; \$1.50 per dozen.



"Anthemis Coronaria Fl. Pl."

CHRYSANTHEMUMS.

We have undoubtedly the most charming novelties in this flower ever introduced. Winners of the **first Prize**, and receiving the highest honors **wherever exhibited**. A revelation to all who have seen them. They are so elegant that we wholesale the single flowers for twenty-five cents each, which will give some idea of their choiceness, when good kinds as usually grown bring one cent each.



Chrysanthemum

Mrs. J. C. Henzey.

OUR PRIZE NOVELTY COLLECTION OF "EXHIBITION CHRYSANTHEMUMS."

(This collection is described on pages 12, 13, 14, and 15.)

This collection of chrysanthemums contains the very best sorts in cultivation, and *only* the very best, we having discarded everything the past season that did not have especial merit.

These we have selected as the most striking and possessing the most merit of recently introduced sorts. They are varieties that have repeatedly taken the first prize wherever exhibited the past season, and many present entirely new forms.

Mrs. J. C. Henzey.—This is a gem among yellows; a large, bold flower, like *Grandiflorum*, lasting a long while, blooming in masses in the utmost profusion on long, straight stems; a healthy, vigorous grower.

Mrs. Jessie Barr.—An importation from Japan; an elegant, late white flowering variety, very distinct and exceedingly choice. The plant is very erect and straight, and the flowers, which are borne on long stems, are of the purest snowy white, and elegantly formed.

Mrs. Irving Clark.—Soft cream white, suffused with rose, sometimes with yellow. One of the largest, finest, and very best.

Lucrece.—Very pure white; very large flat flower; quite distinct from any variety in commerce; a fine showy variety.

FOR PRICES OF THESE CHRYSANTHEMUMS SEE PAGE 15.

The Ostrich Plume Chrysanthemum.

FOUR
PLANTS
FOR
\$1.00.



Chrysanthemum Mrs. Alpheus Hardy.

Mrs. Alpheus Hardy.—This is undoubtedly the most charming novelty ever sent out: winner of the first prize at New York, and receiving the highest honors wherever exhibited: pure white, large and beautifully incurved; the petals are covered with fine silky hairs, which have the richest possible effect, glistening like frosted silver. All attempts fail to convey an idea of the beautiful appearance the blooms present. Indispensable in every collection.

Wm. H. Lincoln.—An immense, full double flower; reflexed, intense golden yellow, 18 inches in circumference, borne on strong, upright, vigorous stems. These flowers sold at wholesale in New York the past autumn at \$3.00 per dozen: a grand variety. Received the Appleton Silver Medal, Boston, November, 1888. Price 50c. each.

Mrs. W. K. Harris.—Deepest golden yellow, thoroughly incurved; probably the finest yellow Chrysanthemum ever raised. It is certainly the finest yellow variety in cultivation for cut flowers or exhibition purposes. Price \$1.00 each.

Excellent.—Very soft pink, somewhat resembling the color of the *Marmet* Rose: very large and double.

Mrs. M. J. Thomas.—Flowers of immense size, pure white marked with a delicate pink line, with very broad petals; finely incurved; an extra fine variety.

Mrs. Andrew Carnegie.—Winner of the Silver Cup and First-Class Certificate at the New York Horticultural Society's Exhibition, and Silver Medal at Pennsylvania Horticultural Society, Philadelphia, November, 1888. Appended is the description of the committee, by whom the cup was awarded: "The committee desire to make special mention of its enormous size, **rich crimson** color, and fine form. It is a remarkably free, strong grower, and good bloomer. A grand and noteworthy acquisition." Robert Craig, John Burton, Edwin Lonsdale, Committee.

Mountain of Snow.—Pure white, of immense size, the blooms forming a perfect ball. Very late, flowering as late as Christmas.

FOR PRICES OF THESE CHRYSANTHEMUMS SEE PAGE 15.

The plants shipped by you yesterday came to hand to-day in prime condition. I have handled a good many plants, both on private and commercial places, but the lot put up by you I think beats them all. The packing was excellent, not even a leaf broken, and the plants as good as could be. Thanks for extras.

Yours truly,

MAX GUELKE.

Gardener for Mrs. S. R. Roe.

HIGHLAND FALLS, N. Y., December 25, 1889.



Chrysanthemum

Lilian B. Bird.

Lilian B. Bird.—Of exquisite beauty. One of the very largest in size and most distinct in form, which is well shown by the above engraving; the petals are quilled and of varying lengths, making one of the most elegant and graceful flowers imaginable. A grand acquisition. Color a delicate shade of clear flesh or shrimp pink, a very fashionable and desirable color. Stems extra long. These flowers also sold for \$3.00 per dozen, wholesale, the past autumn.

Mrs. Levi P. Morton.—Of very decided character. Flowers silvery pink, borne on long, straight, stiff, erect stems, and for decorative effect cannot be equaled. Should be included in the smallest collection. The petals are wide and long, and radiate with the utmost regularity from the disc; the base of each petal is pure white, forming a broad and decided ring around the yellow centre.

Mr. H. Cannell.—A very vigorous, rank-growing variety, with splendid and abundant foliage, throwing up on long stems immense globular flowers of the brightest golden yellow and of the largest size. This chrysanthemum brought us \$3.00 per dozen blooms, and is certainly A No. 1, if not the finest large yellow chrysanthemum grown. The flower has a decided character of its own, and is perfect in form.

Edwin H. Fittler.—Rich brilliant yellow, slightly streaked with red, giving it a somewhat bronzed appearance, without detracting from its unusual brightness; of distinct symmetrical form and great substance. "The Fittler" stands alone, and is one of the most lovely, distinguished, and valuable sorts ever introduced.

Mont Blanc.—An enormous white variety when in perfection. This variety has more substance in it than any other variety known; at first it shows an eye, but incurves as it ages; a most remarkable variety. Very late, lasting up to Christmas.

Snowball.—A medium-sized white variety, forming a perfect ball of snow. Of great substance. Extremely good.

Mrs. Fottler.—A large, full, double flower, composed of long pointed petals, opening flat at first, but developing into a large feathery bloom of great beauty. The color is clear, soft rose, similar in shade to the La France Rose. It is of fine habit and very free flowering, and on this account, as well as for its peculiar shade of color and fine keeping qualities, it has proved a very valuable market variety.

FOR PRICES OF THESE CHRYSANTHEMUMS SEE PAGE 15.

Mrs. Norton is especially pleased with your attention to her order. Everything came well, and goods were so satisfactory.

CAZENOVIA, N. Y., May 20, 1889.

MRS. F. L. NORTON.

The bulbs of "Lilium Harrisi" were received in good order and are entirely satisfactory, both as to size and quality. Thanks for your prompt attention.

CLARKSBORO, N. J., October 10, 1889.

ALICE BROWN.

New White Chrysanthemum

L. Canning.

THE
BEST
WHITE.

L. Canning.—An immense, full, and regular-shaped pure white flower, and a strong, upright, and vigorous grower of fine dwarf habit; reminds one of the Mrs. George Bullock, but is better in every way; is destined to take the lead as a white flower for market, as a pot plant, or for cut flowers.

Kioto.—A very large, incurved flower, forming complete balls, borne on long straight stems. The color is deep yellow, with a peculiar waxy lustre. A healthy grower and very free bloomer. First-class certificate, Boston and New York, November, 1888.

Price of our Exhibition Novelty Set of Chrysanthemums, 25c. each, \$2.50 per dozen, except where noted. The collection of 20 sorts for \$5.00.

NEW SEEDLING AMERICAN CHRYSANTHEMUMS.

OFFERED FOR THE FIRST TIME THIS SEASON.

PLANTS READY APRIL 1.

Harry E. Widener.—Winner of the Blanc prize at the Philadelphia show, November last, "for the best seedling plant." This is unquestionably the variety of the year, and unequaled in its color by any. Bright lemon-yellow in color, without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse. This is the cut-flower variety, and all that could be desired in the way of good color, fine form, and lasting qualities. \$300 was paid for the stock of this fine variety. Raised by Wm. Jamison.

John Lane.—Raised by William K. Harris. A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color a rose-pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold. Flowers borne on long, stiff, stout stems. An ideal cut-flower variety in every respect, but equally as good for exhibition purposes. Considered a grand novelty.

Ada Spaulding.—A striking novelty—without question the finest introduction of the year, neither Japanese nor Chinese form, but globe-shaped, a new type. Has been exhibited 7½ inches in depth by 6½ in diameter. Habit most sturdy and robust. Color novel and distinct. The lower half of the flower being a rich deep pink, shading in upper portion to the purest pearl-white. Petals very large, broad, and solid. Awarded at Indianapolis the National Prize for best seedling, a silver cup, presented by Mrs. President Harrison; also, certificate of merit, silver medal, by Pennsylvania Horticultural Society; first premium from the New Jersey Floricultural Society, and medal of excellence by American Institute, New York.

Mrs. William Bowen.—One of Mr. Harris' seedlings, and a most magnificent variety. The best of the "G. F. Moeman" type. Crimson-scarlet inner side of petals, bronze-yellow lower or outside of petals. This was distributed to a very limited extent last season. It is, beyond doubt, one of the largest and most striking varieties for exhibition purposes. Speaking of the plant exhibited by Mr. Harris at Philadelphia Show, *Garden and Forest* says: "Of other varieties, one of the most interesting was a specimen of Mrs. William Bowen, carrying about one hundred flowers, with florets of an intense crimson within and bronze reverse." John Thorpe, in *American Florist*, December 1, says: "In W. K. Harris' exhibit was a plant of Mrs. William Bowen, a magnified Mrs. Wheeler in habit, color, and size, which was admitted by all to be the finest plant in the exhibition. It was 5 feet 6 inches in diameter, and nearly as high, with eighty-seven perfect flowers." Price 50 cents each.

Price \$1.00 each, except where noted; set of four varieties for \$3.00.

The bulbs reached here in excellent condition. Many thanks for the generous allotment of extras.
SAN JOSE, CALIFORNIA, November 26, 1889.

Mrs. E. K. TAYLOR.

INDISPENSABLE VARIETIES

OF THE OLDER

Exhibition Chrysanthemums.

Chrysanthemum
G. F. Moseman.

Mrs. Frank Thompson.—This is the largest Japanese variety, the flowers measuring fully six inches in diameter, and is one of the most striking varieties ever offered. The petals are very broad, of great substance, and deeply incurved when fully open, but reflex as the flower grows old; color creamy white, striped with rosy carmine.

Robt. Bottomley.—Immense pure white flowers, shape identical with Grandiflorum. Free bloomer.

H. Waterer.—Very large; flat; yellow, with scarlet shading at centre. One of the richest-colored varieties on the whole list. Very late.

Mrs. C. H. Wheeler.—Intensely Japanese. Immense flowers. The petals, which are broad and of great substance, are deep crimson in color on the inner side, and orange or gold on the outer side—one of the very finest and most distinct sorts ever sent out; the illustration above of "G. F. Moseman" showing its character. This is the best variety of all the "Compte de Germany" type.

E. Molyneux.—Rich deep maroon red; outside of petals, when expanded, richest golden tint; petals immense in both width and length. Four first-class certificates.

Gold (Syn. Mrs. Richard Elliott).—A very strong grower, with stiff, upright stems and a flat yellow flower tinted with orange; a very desirable variety for cut flowers.

G. F. Moseman.—One of the largest-flowered varieties, often measuring six inches across. Incurved petals, bright Indian red inside and buff on the outside.

Puritan.—A vigorous grower, flowering in great profusion, the plant fairly rounded over with masses of bloom. Flowers finely formed, white, slightly tinted blush on the back of petals.

Jennie Deleaux.—The largest and finest crimson flower. When well grown they are elegant both in color and form. The illustration of "Lilian B. Bird" will give some idea of its form.

Miss Mary Wheeler.—Bright pink, sometimes with age changing to white; immense size and very double.

Price 15c. each; \$1.50 per dozen. One each of the above 10 sorts for \$1.25.

I have received the "Pallas" Dahlia, and like your methods of doing business, shall order from you again.

ALBANY, N. Y., May 15, 1889.

GEO. W. CARPENTER, JR.



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by F. R. PIERSON.

THE QUEEN OF AUTUMN.

Chrysanthemums.

Gloriosum.—The best early yellow Japanese sort. Beautiful lemon color; in profusion of bloom surpasses all others.

Duchess.—Rich deep red, each petal tipped with golden yellow; flowers in dense clusters.

Elaine.—Pure white, with broad petals; an extra fine early white.

Tokio.—Very fine bloomer and a good grower. Color orange scarlet; back of petals yellow. Very brilliant.

Mons. Boyer.—Very bright, clear shade of pink. A very pleasing color, and one in great demand.

Sokoto.—Clear golden yellow; large and full.

Mabel Douglas.—Yellow, blooming very profusely. Makes a fine pot plant.

La Neige—Very best, very earliest white variety; and for this reason is extra valuable for florists and all who desire extra early white Chrysanthemum flowers.

Md. C. Audiguier.—Broad petals, pinkish white, deeply shaded with rose; beautiful. See *Illustration, Fig. 2.*

Edna Craig.—Flowers very large, pure white, one of the best late-flowering varieties.

Jennie Y. Murkland.—Most distinct; very large, having a flat surface from which project long tubular petals, rich golden yellow, shaded apricot and rose; a superb variety.

Mrs. E. G. Urin.—Bright straw-color; excellent.

Price 10c each; \$1.00 per dozen.

FOUR BEST CHINESE CHRYSANTHEMUMS.

Diana.—Flowers snowy white, and very double, exquisite.

Cullingfordii.—Rich crimson maroon; quite unequaled for brilliancy and velvety; reverse sides of petals pale yellow.

Phœbus.—One of the finest yellow Chrysanthemums ever grown. Flowers large and handsome, on strong straight stems. A wonderfully profuse bloomer.

Mrs. Mary Morgan.—Delicate shell pink shading to white. Full and regularly formed flowers. A lovely color.

Price 10c. each: \$1.00 per dozen.

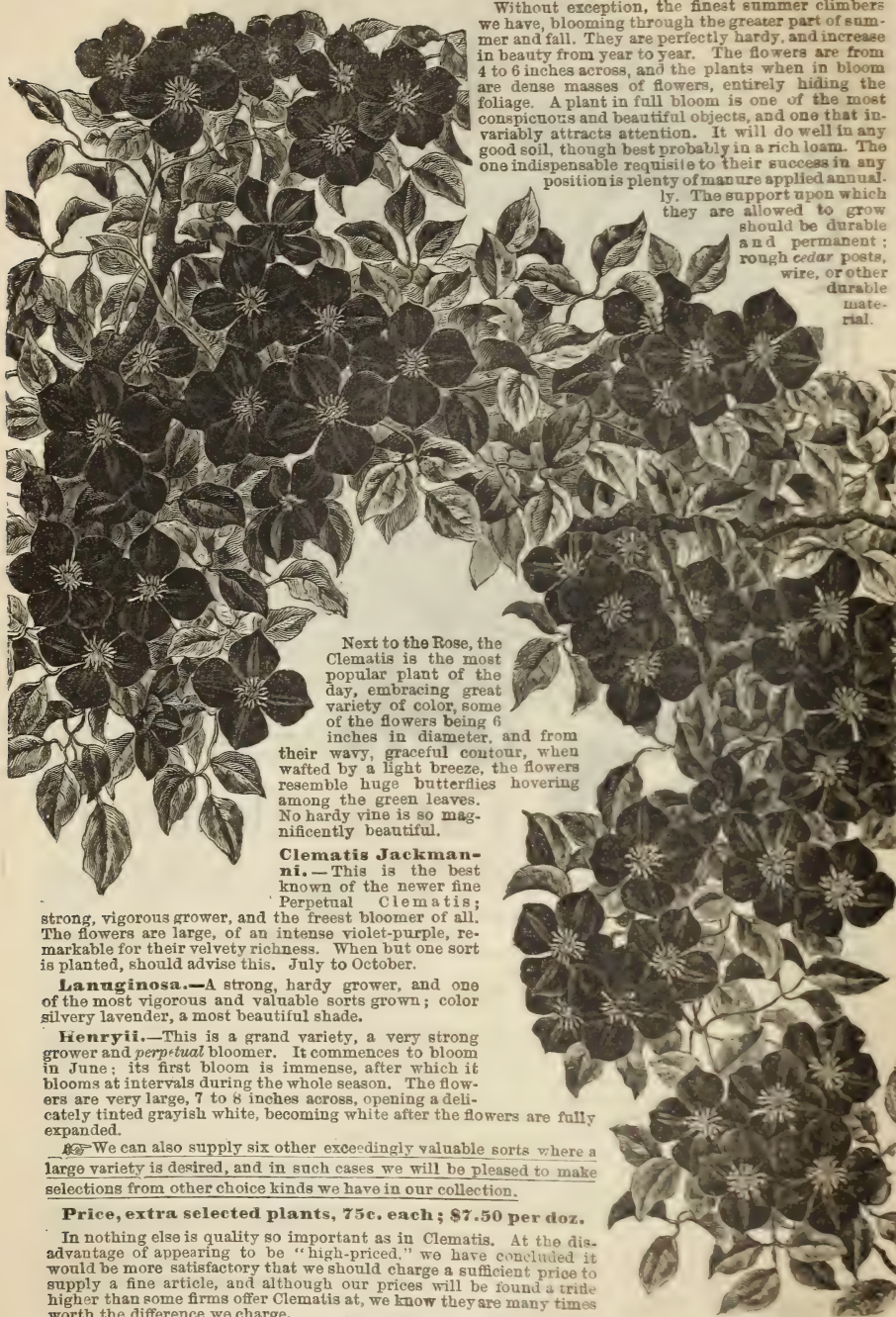
The package of Moon-Flower plants, by mail, came safely to hand yesterday, after having been misssent to Illion, N. Y., as per indorsement of postmaster. They were in fine condition.

E. C. WEST, Frankfort, Ky., May 21, 1889.

NEW HYBRID LARGE FLOWERED CLEMATIS.

Without exception, the finest summer climbers we have, blooming through the greater part of summer and fall. They are perfectly hardy, and increase in beauty from year to year. The flowers are from 4 to 6 inches across, and the plants when in bloom are dense masses of flowers, entirely hiding the foliage. A plant in full bloom is one of the most conspicuous and beautiful objects, and one that invariably attracts attention. It will do well in any good soil, though best probably in a rich loam. The one indispensable requisite to their success in any position is plenty of manure applied annually.

ly. The support upon which they are allowed to grow should be durable and permanent; rough cedar posts, wire, or other durable material.



Next to the Rose, the Clematis is the most popular plant of the day, embracing great variety of color, some of the flowers being 6 inches in diameter, and from their wavy, graceful contour, when wafted by a light breeze, the flowers resemble huge butterflies hovering among the green leaves. No hardy vine is so magnificently beautiful.

Clematis Jackmanii.—This is the best known of the newer fine Perpetual Clematis;

strong, vigorous grower, and the freest bloomer of all. The flowers are large, of an intense violet-purple, remarkable for their velvety richness. When but one sort is planted, should advise this. July to October.

Lanuginosa.—A strong, hardy grower, and one of the most vigorous and valuable sorts grown; color silvery lavender, a most beautiful shade.

Henryii.—This is a grand variety, a very strong grower and perpetual bloomer. It commences to bloom in June; its first bloom is immense, after which it blooms at intervals during the whole season. The flowers are very large, 7 to 8 inches across, opening a delicately tinted grayish white, becoming white after the flowers are fully expanded.

We can also supply six other exceedingly valuable sorts where a large variety is desired, and in such cases we will be pleased to make selections from other choice kinds we have in our collection.

Price, extra selected plants, 75c. each; \$7.50 per doz.

In nothing else is quality so important as in Clematis. At the disadvantage of appearing to be "high-priced," we have concluded it would be more satisfactory that we should charge a sufficient price to supply a fine article, and although our prices will be found a trifle higher than some firms offer Clematis at, we know they are many times worth the difference we charge.

Clematis Coccinea; the Coral-Flowered Clematis.—A plant of great merit, being perfectly hardy, growing when well established from 8 to 12 feet high each season. The flowers are from 1 to 1½ inches long, bell shaped, and of the most intense coral scarlet, shining as if polished. The plant is herbaceous, dying down to the ground-line each year. It begins to flower in July, and continues until frost.

Price 25 cents each; extra size, 40 cents each.

COREOPSIS LANCEOLATA.

THE PERPETUAL GOLDEN COREOPSIS.

We have great pleasure in offering this valuable *hardy perennial*, which is destined to have a wide and well-deserved popularity.

The annual varieties of *coreopsis* are well known to all lovers of flowers.

This being a perennial, at once recommends itself over the annuals, requiring, as it does, but one purchase of the plants to have them always in the garden from year to year.

The flowers are from two to three inches in diameter, of an intensely clear golden yellow, borne at the end of a long, straight stem, ten to sixteen inches long.

The plant commences to bloom about the first week in June, being at once covered with a wealth of flowers, and continuing in full bloom until hard frost. By cutting the flowers as they mature, the number of blossoms will be greatly increased. It will prove a most valuable acquisition for bedding in masses, or planting singly in mixed borders, or among shrubbery, in any of which situations it will form a conspicuous and lasting ornament. Its use as a florist flower is freely acknowledged, and all alive to their trade will see that they obtain a stock as soon as possible.

A florist who is acquainted with the merits of it writes as follows: "This most remarkable plant is of the highest possible value. It makes a dense tuft of glossy foliage, which is rich and bright till hard frosts, and out of this mass of foliage rises a constant succession of tall slender stems, 2 feet high, bearing blossoms of the most brilliant golden-yellow conceivable, as large as a silver dollar. The beauty of these flowers is unequalled by any yellow flowers that I know of, and the long stems fit them for cutting for the house, so that there is, perhaps, no other perennial so valuable for summer cutting. Add to this superior beauty and perpetual bloom the fact that they are entirely hardy, and will grow in any soil, and you have a veritable floral treasure." Price, strong young plants, 20 cts. each; \$2 per dozen. *Strong Blooming plants* (by express only), 30 cts. each; \$3 per dozen.

FOUR BEST NEWER LANTANAS.

Plute D'Or.—Bright golden yellow. On account of its compactness and brilliant color it will be extensively used as a pot-plant for florists' use, for baskets, vases, etc., as it gives a *reliable* yellow flowering plant, of neat, compact habit, that is as effective as the yellow *Calceolaria*; constantly in bloom.

Innocence.—Very lightest lemon, changing to pure white; very large. The best white *Lantana*. Strong young plants, 10 cts. each; \$1 per dozen. Extra size (by express only), 20 cts. each; \$2 per dozen.

Roi des Roses.—Taken all in all, the finest *Lantana* for baskets, vases, etc., or as a house plant, ever raised. A compact grower, with immense heads of bloom, of the richest shade of scarlet and dark orange. Very fine.

Giselle.—A beautiful variety of neat, compact habit; a great improvement over the older sorts. The heads of bloom are very large, opening white, changing to deep rose, the young flowers having a conspicuous golden centre. Fine for vases, etc.

HYDRANGEA CYANOCLAVA.

This variety we consider the most elegant *Hydrangea* for pot culture or for tubs grown. It is much handsomer than *Otaksa*, the foliage being darker green, with black stems, making it very distinct. This was sent out for a "Blue" flowered variety, and the flowers were that color the first season with us, but last year even the stock plants that were blue the preceding season produced pink flowers. No doubt the color of the flower is affected by the character of the soil they are grown in, as is true of other *Hydrangeas*.

Price, strong young plants, 30 cts. each.

Extra size (by express only), 50 cts. to \$1 each.

For other *Hydrangeas*, see page 38.



Hydrangea Cyanoclava.

THE MEXICAN BUTTERFLY FLOWER



COPYRIGHTED 1886-87
E. A. PIERSON

SINGLE DAHLIAS

PIERSON'S SET OF "SUPERB" NEW SINGLE DAHLIAS.

"THE MEXICAN BUTTERFLY FLOWER."

We find many who have never seen these who are prejudiced against them, from their name, and because they are "Dahlias." We wish to state most emphatically that they bear no resemblance to the common Double Dahlia, except in leaf—the flowers are exceedingly beautiful, of the richest coloring and combinations of color, resembling a dog-wood blossom in shape, 3 inches in diameter. The plants begin to bloom in summer and continue during the cool autumn months until frozen. They bloom in the greatest profusion in masses, constantly, and are very effective and beautiful in the garden, but for cutting for decoration in the house, are simply elegant, their light, fairy, graceful butterfly form and brilliant coloring producing a striking effect. No picture can give any adequate idea of their beauty, as the richness and variety of their coloring cannot be shown. They have become as fashionable of late years as the "Chrysanthemum," and we are sure our "superb" collection of these beautiful flowers, which is the finest in this country, will be received with great favor by our many flower loving friends.

We wish we could convey, in some small measure, the extreme delicacy and richness of coloring of this set of Dahlias. They are superb, and are a marked improvement over anything that has ever before been offered. Each is distinct and striking in color, and they are the very best, selected out of a large collection which we flowered in our trial grounds the past summer, and which were awarded several prizes at the New York Horticultural Society's Exhibition. We are sure that those who buy them will be more than satisfied.

To grow Dahlias in perfection, plant in very rich soil, and allow only one or two stems to grow, tying these to strong stakes as they grow, trimming off the lowest side shoots when young; this strengthens the plant, throws them into bloom earlier, and gives much finer flowers.

May Queen.—White suffused and striped with magenta; an elegant flower.

Pallas.—Canary yellow, tinted and suffused with carmine.

Painted Lady.—Rich royal purple, broadly marked with a much lighter color; sometimes almost carmine and white; a golden halo in centre of the flower.

Polyphemus.—Deep rich velvety maroon; broadly margined magenta. The richest combination of colors. Extra large.

Socrates.—Extra large; magnificent; bright scarlet; good form.

Scarlet King.—Intense brilliant crimson scarlet; finely formed flowers; an elegant variety.

Paragon.—Rich dark maroon; often margined with violet crimson; often varies, sometimes having flowers with three distinct colors on one plant.

15 cents each, except where noted; \$2.00 for the fifteen sorts.

Dahlias are never ready to ship until after April 15th. Orders for Dahlias received previous to that date will be held and shipped at that time, or as soon as ready.

DOUBLE DAHLIAS.

OUR "GEM" COLLECTION.

These have been selected with great care; no better dozen sorts, if as good, could possibly be selected. Those who want to grow a few really choice sorts will find this selection will meet their wants. They combine perfection in form and color.

The best six small flowering:

Guiding Star.—Pure snowy white; petals toothed and fringed; very beautiful and distinct.

Mrs. Wellesley.—White; each petal bordered with rosy carmine, beautiful and delicate.

Dutch Evelina.—Scarlet; tipped gold; back of petals gold.

Lurline.—Canary yellow.

Sir R. Whittington.—Magenta; a beautiful color.

Little Valentine.—Brilliant crimson; perfect form.

Price 15 cents each.

The best six large flowering:

Acme of Perfection.—Bright sulphur yellow; extra large and of the finest shape.

Glowing Coal.—Brilliant solferino; most intense color.

John Thorpe.—Lilac; fine form; extra large.

Jamaica.—Magenta; a beautiful color.

John Harrison.—Very dark maroon; very large.

Penelope.—White, delicately tinted magenta; beautiful.

Price, 15 cents each.

TWELVE BEST "DOUBLE PRIZE" DAHLIAS.

All Large Flowers, except those marked P. which are Pompones or Small Flowers.

Beppo.—Bright yellow, tipped carmine; very large and fine.

Cornelian.—Petals white, edged and shaded with delicate magenta; an elegant flower.

Dawn.—Mother of pearl color.

Emily.—Base of petals white, shading through lavender to lilac; general effect lavender; very large.

Garnet.—Rich deep claret.

Little Princess.—A perfect little beauty; white petals, with narrow edge of crimson. P.

Price 15 cents each. We will send 12 elegant Dahlias, when selection of varieties is left to us, either double, or single, or double and single combined, for only \$1.50.

Madge Wildfire.—Light scarlet, very brilliant, extra.

Osiris.—P. Deepest carmine, base of petals white. elegant; flowers very small and of perfect shape.

Pioneer.—Very dark, blackish maroon; the darkest Dahlia.

Snowflake.—Pure white.

Wonderful.—Brilliant scarlet—grand.

Wilson Hunt.—Light straw color.

Dahlias are never ready to ship until after April 15. Orders for Dahlias received previous to that date will be held and shipped at that time, or as soon as ready.

ODDITIES AND NOVELTIES

—IN—

DOUBLE DAHLIAS.

NEW AND BEAUTIFUL FORMS.

An entirely new class of Dahlias, which from their peculiar and striking arrangement of the flowers, which the artist has well shown in the illustration below, will become very popular. They are very unique and beautiful, and are an addition to any garden, as, coupled with their effectiveness in the garden, they are very valuable for cutting for arrangement in vases, etc., in the house. They are entirely different from ordinary Dahlias, as shown by figures 7 and 8, and are in shape suggestive of the Japanese Chrysanthemums.

"THE
CACTUS
TYPE."



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Constance or Ariel.—Very large, full and double: pearly white, with broad, pointed petals, characteristic of the Cactus type. Figure 4.

Imperial Prince.—Peculiar flat, plaited petals about half an inch wide, the centre ones somewhat twisted; rich maroon shading to magenta, which, contrasting with the bright golden yellow disc in the centre, forms a very striking and beautiful flower. We consider this a most desirable variety in any collection. Figure 2.

Mr. Tait.—This is very distinct. The flowers are of the largest size, pure white, deeply fringed or toothed; it is an elegant flower and commands universal admiration. Figure 3.

Lyndhurst.—Of the Cactus style, but not as decidedly so as "Juarezii;" it is of the most intense scarlet, and blooms two to three weeks earlier; for that reason is very valuable, while for its flaming brilliancy it is unsurpassed by any Dahlia. Figure 5.

Juarezii.—Flowers crimson scarlet, resembling in form and shape the well-known Cactus "Cereus Speciosissimus," resembling this Cactus more strongly than any other variety of cactus Dahlia: of very striking appearance and quite unlike those of ordinary double Dahlias, the petals being rounded and pointed; an elegant decorative plant where the season is sufficiently long, but in the extreme northern States it is often overtaken by frost before it reaches perfection. Figure 1.

Glare of the Garden.—This is of dwarf, compact growth, densely covered with its brilliant scarlet flowers. It comes into bloom before any other variety, and its intensely brilliant scarlet flowers exceed all others in brightness; resembling Lyndhurst in brilliancy as well as shape of flower, making it one of the most conspicuous objects on the lawn, and is the most effective for massing. It produces four times as many flowers as any other variety, so much so as to completely cover the plant; remaining in bloom until destroyed by frost. Figure 6.

Price 15c. each; one each of these six varieties, and "William Pearce" and "Charming Bride," for \$1.00.

NEW YELLOW CACTUS DAHLIA

"WILLIAM PEARCE."

This beautiful Dahlia is of the "Cactus" type, color, rich yellow, and one of the freest blooming varieties we have ever seen, growing to a height of about 3½ feet, forming a compact mass, fairly covered when in bloom with its elegant flowers. As many as 300 buds and flowers were counted upon one plant, which will give some idea of its free blooming qualities.

Price 30 cents each.

NEW PINK CACTUS DAHLIA

"CHARMING BRIDE."

Another beautiful variety, in shape like Figure No. 4 on the opposite page, of a most distinct form and coloring, and of a color very scarce and desirable. The flowers are very striking, the base of each petal being white, tipped with bright pink.

Price 30 cents each.



NEW HARDY PHLOXES.

We offer seven superb sorts of this fine, hardy, perennial plant. Those who only know the old-fashioned Phlox of a few years ago, would hardly recognize these as belonging to the same family of plants.

Josephine Gerbeaux.—The finest Phlox grown; flowers one inch in diameter; brilliant carmine centre, shaded to a broad, pure white margin. A strong grower and free bloomer.

Sir Edwin Landseer.—Very dark brilliant carmine, crimson centre; large, fine flower.

Marie Stewart.—White, with pretty rose eye; flowers of fine form; grand spike.

White Queen.—Snow-white; profuse bloomer; dwarf habit.

La Vague.—A soft, beautiful mauve; dark rose centre.

Albatross.—Very dark purplish crimson; the darkest shade.

Isabey.—Very brilliant salmon pink.

Cross of Honor.—Large spikes of bloom. Each petal margined with white in such a manner as to form a cross. Very odd.

Price 15c. each; \$1.50 per dozen. The 8 varieties for \$1.00.

AMPELOPSIS VEITCHII.

JAPAN IVY.

A Permanent Hardy Climber.

This is not new in the sense that it has just been discovered, but that it is *practically* new to most people. we have no doubt, as it is very rarely found except in the vicinity of Boston, which is renowned for its horticultural wealth, its charming estates and public gardens. Boston has been and still is the Mecca of the plant lover, for nowhere in this country has horticulture made so much progress, nor nowhere else is as much money expended in the acquirement of the choicest and rarest plants. There this beautiful vine has long been



appreciated, and is found everywhere, lending an air of grace and beauty to that which is stiff and stately. Our illustration is from a photograph of a gateway or entrance in the suburbs of Boston, which every one will say at once is beautiful, but the picture, though engraved for us in the highest style of the engraver's art—and is really a work of art—is not half as beautiful as the reality. The leaves resemble in shape the English Ivy, overlapping each other closely; of a bright vivid green, looking as if varnished; changing in the fall to the most vivid autumn tints, gold and purple and scarlet, remaining so a long time, until they drop. This fact

ALL ORDERS BY POST WILL BE DEALT WITH PRECISELY AS IF GIVEN PERSONALLY.

That it drops its leaves in winter makes it more desirable than any Ivy could be, as it prevents the surface to which it is attached becoming damp. In summer the foliage is so dense it sheds every drop of moisture. It is perfectly hardy everywhere, on the north or south side of buildings, and in the most exposed places. It clings to anything—wood, stone or brick, painted or unpainted—and requires no other support than a smooth surface upon which to cling, and to which it adheres with the utmost tenacity. It never grows coarse, requiring to be cut away, but is still a rapid grower. Its character is shown in the illustration. Many Boston residences are covered with it on the lower stories, to which it lends an air of elegance, vying with the far-famed moss-covered castles of the Old World. It furnishes a magnificent natural screen, and many uses for it will be suggested to our readers. Gateways can be covered with it, an unsightly wall hidden and changed to a thing of beauty. It will grow to the height of 30, 40, and even 50 feet, and can still be used on low stone walls. It will cover the side of a wooden barn, or in fact anything. It should be planted in good soil, and cared for until established and it begins to grow. It is something like our Virginia Creeper, but immeasurably superior in every way.

Plants of this variety, as usually sold by most firms, are grown from seed and present many and varied forms, more or less beautiful, but still not the perfect form. We offer only plants grown from cuttings taken from the true "Veitchii," with the glossy, ivy-shaped leaves, and our plants are extra desirable on that account. We advise our friends and customers to purchase the larger sizes, knowing that they are much preferable, as the stronger plants become more quickly established.

Price, double extra Selected Plants, 50c each; \$5.00 per dozen.

Price, extra size plants, 30c each; \$3.00 per dozen.



NEW GERANIUM CHAMPION.

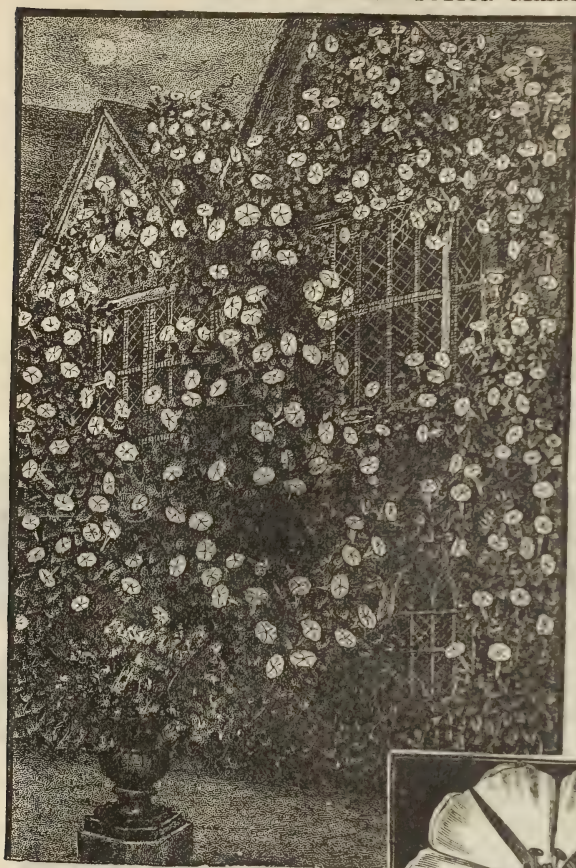
This variety we believe to be the very finest Geranium for pot culture in existence. It was called to our attention two years ago, and we have tested it thoroughly since then, and consider it the best variety introduced in years. It bears more flowers than any other; 2-inch pots sending up 2 or 3 stems, while well-grown plants in 4-inch pots are a veritable bouquet. For florists, for selling as a pot plant, it is simply superb; and we believe that it will at once become the favorite and standard sort for this purpose. In testing it, we have found that it has attracted universal admiration—florists exclaiming at once, "Hello! what Geranium is that?" "That's a fine one indeed!" The color of the flower is a clear, bright carmine scarlet, and makes it conspicuous among a houseful of the choicest sorts. The compact habit of the plant is perfect, and it holds its flowers a long time.

Price, extra size plants (by express only), 30c each; \$3.00 per dozen.

Price, strong young plants (by express only), 20c each; \$2.00 per dozen.

THE "MOON FLOWER," OR EVENING GLORY.

IPOMEA OR CALONYCTION GRANDIFLORA.



From a photograph of a "Moon Flower" in full bloom—the effect in the early evening is marvellous. We cannot, of course, show the size of the flowers, but the beauty of such a vine is easily understood when it is remembered that the flowers are fully 5 inches across.

A very rapid summer climber, blooming the first season. No insects attack the leaf, and even if it did not bloom it would be desirable because of the beauty of its foliage; but when is added to this the wonderful effect of its flowers, which are borne in the greatest profusion, as is shown in our illustration, it cannot fail to please. The flowers are immense, pure white, sweet scented, 5 inches in diameter, borne very profusely, and as they open at night are very striking. Being a free bloomer, the effect on a moonlight night is charming. It is a splendid plant for verandas. Try it! The flowers, when unfolding, expand so rapidly as to be plainly seen, affording amusement and instruction.

One of our customers writes that "The 'moon flower' plants purchased of you last spring are giving great pleasure to their owners. The neighbors are invited in to see them open."

Reports from every one speak highly of it. A lady of Charleston, S. C., says she planted it, and that by June it had climbed to the topmost branch of a tree and festooned itself in all directions. "One night we were amazed

to see our tree resplendent with large white saucer-shaped flowers, most beautiful in the moonlight—in fact, our tree was the admiration of the neighborhood." A gentleman from Jacksonville, Ind., says: "It thrived and bloomed as nothing else did, forming a rapid, thick, rich screen, growing to the height of 15 and 18 feet. It was covered in the middle and latter part of summer and during autumn by its multitude of beautiful white flowers. The upper part of the entrance to the insane asylum was covered with this plant, and was a perfect mass of flowers." We have no other climber that will stand the heat and drought as this does. Taken all together, we have no plant that can rival it for its purpose in its rapidity of growth, density of foliage and amount of flowers. It will be understood, of course, that it is not hardy; it is a perennial, though, and can be wintered in a greenhouse or in the house when the thermometer averages 60 degrees; should have good soil.

A customer who purchased three plants of these beautiful vines writes us as follows, and scores of others speak of it in the same glowing terms:

"It may interest you to know of our success with the Evening Glories. Had we known the room they could occupy we doubt not we would have had still more blossoms, but even in the contracted space, the three plants yielded over 1,500 blossoms. We had nearly 600 in one week, and one evening we had over 100.



Price 15c. each, 8 for \$1.00; extra size plants, 30c. each; 4 for \$1.00 (by express only).
Flowers are 6 times larger than these.

NEW GLADIOLUS, "SNOW WHITE."

A GRAND NOVELTY. OFFERED FOR THE FIRST TIME THIS SEASON.

Compared with all the other so-called white Gladioli, this wonderful variety might well be called a "*freak of nature*," so marked is its chaste paper whiteness when compared with any other. Never has there been such a remarkable break in this color before, and it will be many years before it is equaled, if it ever is. It is a very healthy, sturdy grower, producing an average of two to three spikes of flowers from a bulb, and sometimes as high as five. The habit is perfection. Spikes straight and long; flowers set closely and compactly on the spike, and are of great substance. *Every flower, even to the very tip, will open perfectly in water. Three-fourths of the entire spike will be in bloom before the lower flowers begin to fade. The large flowers expand large and freely, recurving gracefully, and beautifully crimped at the edges, making a flower of rare grace and striking poise.*

It was awarded the highest prize from the greatest horticultural society in America. This prize is only awarded after the plant has been exhibited and approved by the committee for three consecutive years. The committee's report is as follows: "The plant proves even more vigorous than last year, throwing a strong flower-stem 4 feet in height, crowned with a remarkably full spike of very large, well-expanded flowers, facing boldly to one side. Many of the terminal flowers are semi-double. The growth is pe-

culiarly vigorous, giving an average of three stems to each bulb; many of them have five, and we noticed one with seven stems, indicating a remarkably prolific character, which will greatly add to its favor with the public. Your committee are unanimous that it is the best White Gladiolus yet introduced. A first-class Certificate of Merit was awarded it 3 years ago, and we now recommend that the Prospective Prize of \$40.00 for the best Seedling, Flowering, or Foliage Plant (for which it was entered three years ago), be awarded."

Price 30c. each; \$3.00 per doz. If by mail add 10c. per doz. for postage.

For other
Gladioli,
see
page 36.

Extra Choice Pansy Plants.



We have an unusually choice selection of this popular flower. Pansy Plants planted in the spring as soon as the frost is out of the ground will begin to bloom at once and afford a daily pleasure for a month before oleus or geraniums could be even planted. If snow should fall after planting they would not be hurt. In fact to get the best results from Pansies, they should be planted just as early as they can be. To get best results and extra large flowers the soil must be extremely rich—we use equal parts well rotted manure and soil. A full description will be found on page 76 of the following sorts which we have to offer in plants:

Perfection, Giant Trimardau, Ne Plus Ultra, and Yellow.

Price, strong young plants, 40c. per dozen; \$2.50 per 100.

Extra strong selected plants (by express only) 60c. per dozen; \$4.00 per 100.

THE IVY-LEAVED NASTURTIUM "ORIOLE."—"*Tropaeolum Hedertefolia.*"

Our attention was called to the value of this plant by one of our neighboring florists. The flowers excels in brilliancy the plumage of that most beautiful bird of all our American Songsters, the Baltimore Oriole, of which one is reminded in looking at a mass of these gorgeous flowers. The flowers are fringed, brilliant yellow, with a large scarlet spot in the centre of each, offering a marked contrast to the deep dark green of the ivy-shaped foliage. The plants begin to bloom when only a few inches high and are soon crowded with flowers. It is unequalled for baskets or vases. Always in bloom; 20 cents each; 6 for \$1.00.

Passion Flowers



Constance Elliott.



Pfordt's large-flowering Passion Flower.

Those who have never seen one cannot imagine or realize the exquisiteness and perfection of the flower, which is one of the most wonderful flowers in the whole floral world. The early Catholic missionaries in South America found in this flower the symbols of the crucifixion, from the resemblance afforded by the nails, two for the hands and one for the feet, are represented by the rays of the corona, or fringe of the flower, the three wounds, the "crown of thorns" is represented by the stamens, the five anthers indicate the five parts of the perianth represent the ten apostles, two of them absent—Peter, who denied, and Judas, who betrayed—and the scourges in the tendrils.

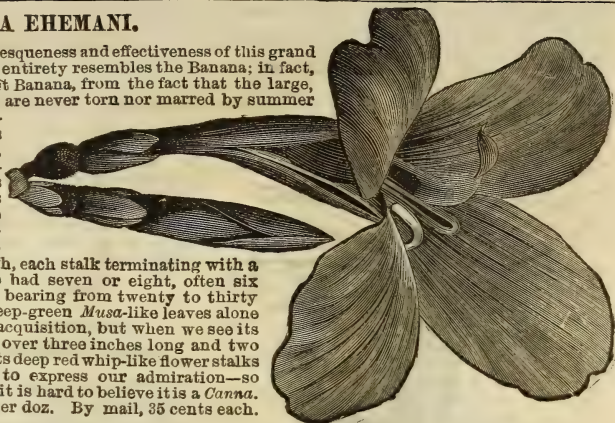
"*Passiflora Pfordt.*"—A handsome, fast growing and free flowering summer climber. This beautiful variety will undoubtedly increase the popularity of the Passion flower, as it begins to bloom when very small and almost as soon as it begins to grow, and then blooms continuously all summer. Purple flowers from three to four inches in diameter. If it was generally known how easily this beautiful Passion flower could be grown, it would be planted by every lover of flowers. It is as easily grown as a Morning Glory. We consider ourselves fortunate in securing a large stock of this charming variety, and trust it will be purchased by all our customers.

Passiflora "Constance Elliott."—A new variety with Ivory-white flowers, three or four inches in diameter and of exquisite beauty. Will live in the open ground during the winter if the roots are protected with a light mulching. It will grow ten to fifteen feet high and increase in beauty from year to year, and when in full bloom is not only exceedingly beautiful, but the flowers are a rare curiosity. The white and blue varieties offer a charming contrast. It originated in England, and was awarded a first-class certificate by the Royal Horticultural Society of London.

Price, 20 cents each, 6 for \$1.00.

CANNA EHEMANI.

Nothing can excel the picturesqueness and effectiveness of this grand foliage plant. The plant in its entirety resembles the Banana; in fact, it is handsomer than the finest Banana, from the fact that the large, broad, tropical-looking leaves are never torn nor marred by summer storms. But when to its magnificent and stately form is added the beauty of its large, drooping spikes of magenta-colored flowers, each flower as large as a Gladiolus, it makes a plant without a rival. The growth of the plant is remarkably strong and robust, growing from five to seven feet high, each stalk terminating with a long flower spike. We have had seven or eight, often six spikes in bloom at one time, bearing from twenty to thirty flowers each. The massive deep-green *Musa*-like leaves alone would make this a valuable acquisition, but when we see its magnificent magenta flowers, over three inches long and two inches wide, suspended from its deep red whip-like flower stalks it is difficult to find words to express our admiration—so different in general character, it is hard to believe it is a *Canna*. Price, 30 cents each; \$3.00 per doz. By mail, 35 cents each.

**CANNA BRILLIANTISSIMA.**

The handsomest of all dark-leaved Cannas, the dark metallic bronze leaves having a tint of scarlet in them, giving it a very brilliant and lustrous appearance; of medium height. The foliage is so handsome, that it produces almost the same effect as *Dracena terminalis*, and for centres of vases, etc., is unsurpassed.

Price, 20 cents each; \$2.00 per dozen. By mail, 25 cents.

CANNA ADOLPH WIECK.

Another improved *Canna*, with green leaves, and very large brilliant scarlet flowers, almost as large as a Gladiolus. Exceedingly handsome; flowers in the greatest abundance.

Price, 20 cents each; \$2.00 per dozen. By mail, 25 cents.

CANNA, "GENERAL BOULANGER."

The most distinct and beautiful of all the new French varieties. Like all of this class, it is dwarf, rarely exceeding four feet in height, it sends up shoot after shoot of flower stalks, which are hung with magnificent orchid-like flowers. The ground color is canary yellow, mottled and streaked with crimson and scarlet.

Price, 20 cents each; \$2.00 per dozen. By mail, 25 cents each.

**The Japanese Iris. "Iris Kämpferii."**

The Japanese varieties of the Iris or Fleur-de-Lis are unsurpassed for variety and richness of color, and are of exquisite beauty. Almost every shade and hue can be found beautifully blended in these gorgeous flowers. The varieties one and all are highly ornamental as decorative plants, and no flower improves so much on close examination. Spikes cut and put in vases, garnished with a little foliage, are as beautiful as the costliest and choicest orchids, both in form and color; and should be cut just before they open. They are perfectly hardy—of easy culture, flourishing in any good garden soil. They grow three to four feet in height; flowering from middle of June to end of July. 10 choicest and best named sorts.

Price, 20 cents each; \$2.00 per dozen. By mail, 25 cents each.

NEW BEGONIA MANICATA AUREA.

Striking and distinct; large glossy green leaves, beautifully blotched with creamy white with clear carmine etchings in the matured leaves. Easily grown, and one of the finest ornamental foliage plants.

Price, 40 cents each.



Begonia Manicata Aurea.

For other Cannas see page 32, and for wholesale rates for Cannas and other plants in quantity for bedding, see pages 48 and 49.

PALMS AND OTHER DECORATIVE PLANTS.

The following is a select list of rare and handsome varieties, which can be recommended for apartments, conservatory decorations, or vase plants during the summer. The prices vary according to size and rarity. The plants, at prices named, are fine, healthy, well-grown specimens. Can be sent only by express.



Dracena Indivisa.

DRACENA INDIVISA.

Long, narrow, green leaves, making one of the most graceful, desirable, and suitable plants for the centre of vases. We know of nothing so good for this purpose as this: as it stands sun and wind without injury in any way. 75 cents to \$2.00 each.



Kentia Balmoreana.

KENTIA BALMOREANA.

A very reliable palm for house decoration, of more compact growth than "Areca Lutescens," and darker green. \$3.00 each.

FICUS ELASTICA, or RUBBER TREE.

Thick shining, leathery leaves, ten inches long by three wide. The India-rubber Tree is a popular houseplant, as it succeeds well with ordinary treatment, and its large foliage and erect form are much admired. The plants require plenty of light, and should never be exposed to draughts. Sponge the leaves often, to keep them free from dust. Fine specimen plants, \$1.50 to \$3.00 each.

ARECA LUTESCENS.

One of the most valuable and beautiful Palms in cultivation: bright glossy green foliage and rich golden-yellow stems; a fine house Palm. \$1.50 to \$3.00 each.

PANDANUS UTILIS,

called "Screw Pine," from the arrangement of the leaves on the stem. It is a beautiful plant, excellently adapted for the centres of vases or baskets, or grown as a single specimen. No plant is better suited for room culture. Perfect specimens, \$1.50 to \$2.50 each.



Areca Lutescens.



Pandanus Utilis.

PANDANUS VEITCHII.

This splendidly variegated Screw Pine is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and most gracefully curved. \$2.00 to \$10.00 each.



LATANIA BORBONICA,

or Fan-Leaf Palm.—A strong, hardy grower: useful for general decorative purposes; fine plants. \$1.50 to \$3.00 each.



PLANTS.

General Collection.

FOR NEW PLANTS SEE PRECEDING PAGES.

For Prices in Quantity for Bedding, see Our Special Low Price List in this Catalogue, Pages 48 and 49.

ALTERNANTHERA PARYONCHOIDES MAJOR.

This is the Alternanthera so largely used around Newport, and is the main feature in all ornamental carpet gardening. It grows only about six inches high, and can be kept much shorter by shearing it. The color is as bright when first planted as at any other time, and this it keeps *constantly*. The color is brightest carmine. It is the brightest leaved plant, and is valuable because its color is so constant and striking. It would be much more used were it not that it is generally found hard to propagate. This we are very successful in doing, and raise it in very large quantities, and can supply it by the thousand and at very low prices. Prices for quantities given on application, stating quantity wanted and when.

8 cents each; 75 cents per dozen.

ALTERNANTHERA.

Plants with beautiful variegated foliage, growing about six inches in height; used principally for ribbon lines, borders, etc. The leaves are covered with bright tints, carmine and crimson prevailing.

Paryonchoides Major.—See special description above.

Versicolor.—Strong, upright grower, pink and crimson; very distinct and marked.

Aurea Nana.—Originated spring 1882. A sport from "Aurea," upon which it is a decided and marked improvement. It is distinct from and better than Aurea, from its dwarf, dense growth and better color. The habit is as good and about equal to Paryonchoides, with which it will be valuable to use in ribbon and carpet gardening.

8 cents each; 75 cents per dozen.

ALYSSUM, SWEET.

Tom Thumb.—Very dwarf and compact; growing only 4 inches high. It can be used very effectively as a border plant, requiring no trimming whatever to keep it in shape; in bloom all the year.

8 cents each; 75 cents per dozen.

ASPARAGUS TENUISSIMUS.

We consider this extremely elegant plant, which is a native of South Africa, to be the greatest acquisition for decorative purposes or for cutting from. It is a climber, and is grown like Smilax. The extreme delicacy of the foliage cannot be described. The sprays are finer than the fronds of the most delicate Fern, and will be in great demand, as it does not wilt like Ferns or Smilax, but remains bright and green for weeks. A first-class certificate was awarded it by the Royal Horticultural Society of London, and a certificate of merit by the Royal Botanic Society.

Price 20 cents each. Extra size plants (by express only), 40 cents each.

AGAVE AMERICANA VAR.

Variegated leaved "Century Plant," well known, and valuable on lawns, for rock work, vases, etc.; fine plants.

25 to 50 cents each. (By Express only.)

ABUTILON, or Flowering Maple.

Desirable plants for pot or garden culture, flowering freely summer and winter; flowers drooping; bell-shaped.

Duc de Malakoff Var.—Leaves marbled with golden yellow; color permanent; the best variegated Abutilon; flowers crimson, veined.

Price 10 cents each.

AMARYLLIS ATAMASCO ROSEA.

This lovely Bulb is known but very little, seldom seen, and consequently but little used for planting. It can be kept over winter in a dry cellar without any care, and blooms profusely through the summer. The flowers when first open are a soft rosy pink, gradually growing whiter until they are pure white, tinged or blushed with rose, thus a bed or mass producing a most novel appearance by the different shadings of the flowers. A Methodist minister once said that he thought the Gladioli were made especially for their use, could be moved around, and keep so easily and so lovely when in flower. He should have included Amaryllis Rosea also.

15 cents each; \$1.50 per dozen.

AMARYLLIS EQUESTRE.

A very showy and scarce variety. Grows and blooms very easily and freely. Flowers distinct, soft brilliant orange scarlet, with clear white throat, very showy.

Extra large bulbs. Price 50 cents each.

Last season I had some of your beautiful pansies, and I wish again to fill a mound with these flowers; I assure you the plants of last season were the talk of nearly the entire city for a good part of the season, i. e., by the lovers of beautiful flowers.

Ladington, Mich.

Yours respectfully,

NEWTON B. PIERCE.

ASTERS.—Ready May 1.

One of the most effective of the old garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most perfect and beautiful form.

Trauffaut's Peony, Flowered Perfection.
6 cents each; 60 cents per dozen.

AGERATUM.

Free flowering bedding plants, producing a profusion of flowers continually, summer and winter.

Copes Pet.—This is the best dwarf Ageratum, blooming very freely; bright blue.

8 cents each; 75 cents per dozen.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe).

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. The leaves are large, and as the plant grows quickly, it soon makes a dense shade. For arbors or trellises, or for making a screen, it is invaluable. It readily attains a height of 20 feet and is perfectly hardy.

Price 30c. each; extra size (by express only), 75c.

AMPELOPSIS.

Veitchii.—For description and prices see novelties.

Quinquifolia.—The well-known Virginia creeper, found wild in many parts of this country; a rapid grower; leaves changing in fall to brilliant autumn tints.

20 cents each.

Extra size, by express only, 40 cents.

AKEBIA QUINATA.

Almost evergreen; hardy climber; flowers dark maroon; fragrant. Fine plants.

25 cents each.

Extra size, by express only, 40 cents.

BEGONIAS.—Flowering.

Begonia Rubra.—A decided acquisition. Flowers very large, bright scarlet, wax like, borne in long, drooping clusters, making an elegant contrast with the dark green leaves. A splendid plant, a well-grown specimen, forming an elegant object, is good for either summer or winter, blooming the whole year through. We have had specimens, planted so as to be partly shaded, grow in one summer 5 feet high, covered with masses of their waxy scarlet blossoms. 25 cents each.

Extra size, by express only, 50 cents each.

Metallica.—Strong, vigorous, with large ornamental leaves, covered with coral colored hairs; glossy green, shaded with maroon and olive; beautiful metallic lustre over all; large, dark pink in color. 25 cents each.

Extra size, by express only, 50 cents.

Subpeltata Nigricans.—An extra choice variety; leaves, dark crimson; rare and scarce. 25 cents each. Extra size, 50 cents each.

Zebrina.—Dark green, with silvery striped shading, back of leaves very dark.

Begonia Incarnata Grandiflora.—A splendid winter-flowering plant. About the Christmas

holidays this is covered with one mass, from top to bottom, of bright pink flowers, looking like one huge bouquet. It is an elegant plant for greenhouse decoration, while for a house plant it is one of the few things that thrive. Easily grown in a warm room over 55 degrees. 20 cents each. Price 10 cents each, except when noted.

**Begonia Rex, Ornamental-leaved.**

Grown for the beauty of the foliage. The leaves are large, variegated, and margined with a peculiar silvery metallic gloss. Used for pot-plants and in baskets, vases, etc. Very ornamental.

15c each; \$1.50 per dozen.

Extra size, by express only, 25c. each; per doz., \$2.25.

BIGNONIA, GRANDIFLORA.

The Mammoth Flowered Trumpet Creeper.

A splendid hardy climbing plant, producing large trumpet-shaped, orange-scarlet flowers about three inches long, produced in large clusters. It is very beautiful, and always attracts great attention.

Price 40c each.

NEW SHRUBBY CALCEOLARIA.

"Shower of Gold."

This, like all the Shrubby Calceolarias, is ever-blooming; of strong, vigorous habit, and is the only variety we have had that withstands our hot summers. In partial shade the past season it bloomed in profusion. Fine for baskets, vases, etc. 25 cents each; \$2.25 per dozen.

CALLA ETHIOPICA (Lily of the Nile).

An old and favorite plant, requiring an abundance of water during the growing season; should have a period of rest in summer by turning pots on side in some shady corner.

12 cents each; \$1.25 per dozen.

Extra large, by express only, 25 to 50 cents each.

CANNA INDICA (Newer Sorts).

Plants used largely in sub-tropical gardening, for the grand effect which their rich and varied colored leaves produce. The newer sorts combine the most striking tropical foliage with flowers, many of them equal to Gladiolus.

General Boulanger.—See Specialties. 20c.

Excelsa Zebrina.—Beautiful large dark bronzy foliage; striped and shaded chocolate maroon.

Canna Ehemanni.—See Novelties. 30c. each.

Brilliantissima.—See Novelties. 20c. each.

Adolph Wick.—See Novelties. 20c. each.

Metallica.—Very dark, like "Excelsa Zebrina,"

but with more pointed leaves and more dwarf. 15 cents each; \$1.50 per dozen; except as above noted, large, started pot plants, ready May 1. 20c. each; \$3.00 per dozen, except where noted. By mail, add 5 cents each for postage.

CALENDULA.

A valuable introduction for summer bedding or winter flowering, as it blooms incessantly. Grows 12 to 18 inches high, bearing large yellow flowers, striped with bright orange.

Prince of Orange.—Dark Orange.

Meteor.—Straw color.

10c each; \$1.00 per dozen.

Extra size (by express only), 15 cents each; \$1.50 per dozen.

CLEMATIS FLAMMULA.

(Fragrant Virgin's Bower—the Wild Clematis.)
Flowers small, white, borne in dense masses, and fragrant, followed by ornamental, feathery seed pods. Price 25c. each; extra size, 40c. each.

CENTAUREA. (Dusty Miller.)

Ornamental plants, with downy leaves of a clear silvery hue, forming a compact bush, and admirable for forming lines or groups in contrast with the dark-leaved Coleus or Achyranthus.

Gymnocarpa.—Finely divided fern-like foliage; attains a diameter of two feet; the principal variety grown.

8 cents each, 75 cents per dozen.

Extra size, by express only, 10c. each; \$1.00 per doz.

For price in large quantities for bedding, see our special low price list in this catalogue, page 48 and 49.

COBÆA SCANDENS.

One of the finest summer climbers; flowers large, pendulous, bell-shaped; would recommend it to any wishing a perfect climber of rapid growth for summer decoration—entirely free from insects.

15c each; \$1.50 per dozen.

CINERARIA. (Dusty Miller.)

Of vigorous growth, with silvery leaves, like the Centaureas. It grows more freely, however, and flourishes in any soil, and is much hardier, retaining its verdure until severe frost.

Acanthifolia.—The best sort, growing compact and vigorous.

8 cents each, 75 cents per dozen.

Extra size, by express only, 10c. each; \$1.00 per doz

**CALADIUM ESCULENTUM (Calocasia).**

Plants, with immense leaves, measuring two to three feet long and two broad, and growing four feet high, having a tropical aspect; admirably adapted for single specimens for lawns.

Extra size bulbs, 50 cents each; too heavy to mail. 1st size bulbs, 30 cents each; by mail, 40 cents each. 2d size bulbs, 15 cents each; by mail, 20 cents each. Bulbs started in pots (by express only), ready May 1st, 30 cents each; \$3.00 per doz.

CARNATION PINKS.

EVER-BLOOMING OR PERPETUAL KINDS.

The Carnation is one of the sweetest flowers that grows. The only rival of the rose; it is beautiful and fragrant, and gives an abundance of flowers for a long time. The following ever-blooming or perpetual sorts can be had in bloom summer and winter. As they are almost hardy, they can be planted out very early in April, when, if put in good soil, will bloom by July. If the first shoots that start up are pinched off, the plants will become more bushy, and in consequence give more flowers. When wanted for winter flowering they should not be allowed to bloom during the summer, the flowering stems being cut off as they shoot up, until middle of August. The following sorts are the most abundant bloomers there are, and the best. Small plants of these can be sent by mail as well almost as by express, with the certainty of doing well.

Anna Webb.—Late bloomer, dark crimson—color Jacqueminot Rose.

Hinsdale.—Lilac shaded and splashed with white; a lovely flower.

Portia.—The freest flowering bright scarlet carnation, fringed and fragrant.

Grace Wilder.—Light peach-blossom pink; very delicate shade.

Buttercup.—Golden yellow; elegant. 20 cents each; \$2.00 per dozen.

Silver Spray.—The best white; long stems and free bloomer.

Hinzes White.—Strong grower, tinged with cream and pink; a favorite.

10 cents each; \$1.00 per dozen, except where noted.



"The eight Cobæa Scandens you sent by mail last year covered a space 30 feet high and 15 wide, and when frost came there were over eleven hundred buds and blossoms by actual count, so I order some for this year."

Bridgeton, Maine.

MRS. JAMES P. WEBB.



IMPROVED FANCY COLEUS.

We have selected these as the best and as really meritorious sorts from among the very many offered by different firms. They are very beautiful. We grow them in large quantities, and offer them very low. The colors are exceedingly brilliant, and the markings rich and varied.

Blackbird.—Leaves smooth velvety black.

Crescent.—Carmine and maroon: broadly margined green, smooth, large beautiful foliage.

Favorite.—Golden bronze, yellow edge.

Garfield.—Maroon, crimson, mottled white and green, extra; large striking foliage.

Golden Bedder.—Introduced, and first sent out by us in 1883. The best yellow-leaved foliage plant for bedding. Reliable and constant, standing the hottest summer weather, and keeping its color perfectly.

Glory of Autumn.—Deep crimson bronze, margined gold.

Hero.—Black.

J. Goode.—Where "Golden Bedder" does well there is no other yellow Coleus that approaches it, but there are some localities where it is not warm enough at times in the summer for it—in such localities we believe this to be the next best sort. It is not golden, like "Golden Bedder," but mottled yellow and green, the yellow predominating, and producing a good yellow effect when planted out; it is a strong grower like *Verschaaffeltii*.

Shylock.—Very brilliant; deep garnet; shaded maroon.

Firebrand.—This is the best variety for bedding sent out, since we introduced "Golden Bedder" some years since, and will prove of real value for bedding, as the color, a dark crimson, is very bright and constant.

Rocket.—Violet rose centre, black next, and olive green serrated edge. Extra.

Ruby.—Rich crimson maroon; centre dark rose color, beautifully fringed edges; a superb variety. Extra.

Verschaaffeltii.—The old well known crimson-maroon-leaved variety for bedding, massing, etc.

Miss Retta Kirkpatrick.—Large white centre, shaded with yellow, broad green-lobed margin; large foliage.

Farroquet.—Yellow, maculated with crimson and green.

Queen of the Lawn.—Dazzling carmine, rimmed with velvety maroon. Extra.

Price 6 cts. each, but when selection of varieties is left to us, we will send one dozen beautiful and distinct sorts for 60 cents.

NEW DWARF DOUBLE WHITE FEVERFEW, Little Gem.

Produces an abundance of double white flowers all summer. Very dwarf, growing but 12 to 14 inches high. The flowers are large, of perfect form, and purest white. Fine for cutting. 10 cts. each; \$1 per dozen. Extra size (by express only), 15 cts. each; \$1.50 per dozen.

GOLDEN FEATHER

(*Pyrethrum parthenifolium aureum*), six to nine inches high, of compact growth, for ribbon borders, marginal lines, &c. 6 cts. each; 60 cts. per dozen. Extra size (by express only), 10 cts. each; \$1 per dozen. For prices in quantity for bedding, see our special low-priced list in this catalogue, pages 43 and 49.

DEUTZIA GRACILIS.

A fine little hardy shrub, with white flowers, fine for cemetery decoration. 25c each, 5 for \$1.

DELPHINIUM FORMOSUM.

An improved variety of the old-fashioned Larkspur. It is the grandest hardy blue summer-flowering plant there is. It begins to bloom early in spring, and continues all summer; a beautiful, showy plant, 10c each; \$1 per dozen.

ERIANTHUS RAVENNE.

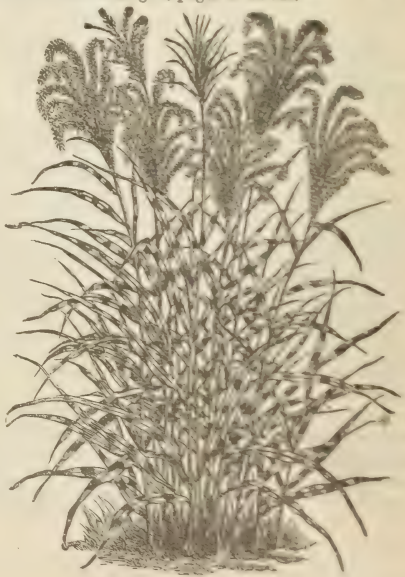
A perfectly hardy ornamental grass, throwing up splendid flower stalks 8 to 10 feet high the first season. Each stalk is crowned with a beautiful feathery plume, highly valued for parlor ornaments. It is a striking and handsome lawn plant, strongly resembling Pampas Grass, but blooms much more profusely, and has the advantage of being entirely hardy. Extra size by express, 40 cents; by mail, 50 cents.

EULALIA JAPONICA ZEBRINA.

A peculiarly variegated grass growing 6 feet in height, recently introduced from Japan. Perfectly hardy, standing our severest winters. The variegation is unlike that of any other plant, being across the leaf in regular bands, as shown in our illustration; dark green and light yellow alternating. Should be on every lawn. We consider this a very fine plant, and cannot too strongly recommend it. It is entirely unique in its character, and attracts universal attention. By mail, 30 cts. each; by express, 25 cts. each.

EULALIA JAP. VAR.

An older variety than the *Eulalia Japonica Zebrina*. Leaves striped white and green, longitudinally. The dried blooms make beautiful winter ornaments. By mail, 30 cts. each; by express, 25 cts. each.



Eulalia Japonica Zebrina.

FUCHSIAS.

No flower will make a more beautiful bed or screen near the house or on the borders of the lawn than the Fuchsia, if partially shaded. Many places where grass will not grow, on the north side of the house, in the shadow of trees, etc., can be made beautiful with them all summer. Sink the pots to the rim in the earth, removing them to the house when cold weather commences. They will make you glad all winter, and be ready for service again when spring arrives. Many of the following varieties are from a large importation of the newest kinds offered in Europe, and are valuable acquisitions. Very favorable reports of many having appeared in the different European journals.

Black Prince.—Single, bell-shaped, fine; sepals carmine, corolla pink; one of the freest blooming and most strikingly beautiful sorts; produces more flowers than any other variety.

Chas. Blanc.—Single, light rosy pink sepals; corolla rich amaranth; fine variety.

Earl Beaconsfield.—Very large; corolla orange and scarlet; single.

Mrs. E. G. Hill.—(New.) Plant is a free, upright, stocky grower, very prolific bloomer. Flowers very large and double; the corolla is a beautiful satiny-white; the sepals are well reflexed, and are of a beautiful bright scarlet pink—a very lovely color. It is the best of all white Fuchsias. 20c. each. Extra size 35c.

Pres. Gunther.—Rich coral, with immense deep purple corolla.

Phenomenal.—Flowers of immense size; flowering very freely. Bright scarlet tube and sepals; violet corolla. 20c. each. Extra size 35c.



Fuchsia, Mrs. E. G. Hill.

Perfection.—Corolla single; white veined carmine. Scarlet sepals.

Speciosa.—Salmon, the freest blooming winter and spring sort.

Swanley.—Sepals white, corolla rosy carmine.

Price 10 cents each, except where noted, \$1.00 per dozen. Extra size (by express only), 25c. each, except where noted; \$2.50 per doz.

HELIOTROPE.

A universal favorite, producing throughout the summer an abundance of deliciously fragrant flowers. No bouquet is finished without it.

Favorite.—Large trusses; lavender; very free flowering. Exquisitely fragrant; the favorite.

Snow Wreath.—Truss of flowers very large and heavy; almost white; very fragrant; most valuable for cut flowers.

The Queen.—Rich dark royal purple, with a white centre, *delightfully fragrant*, the best and darkest variety.

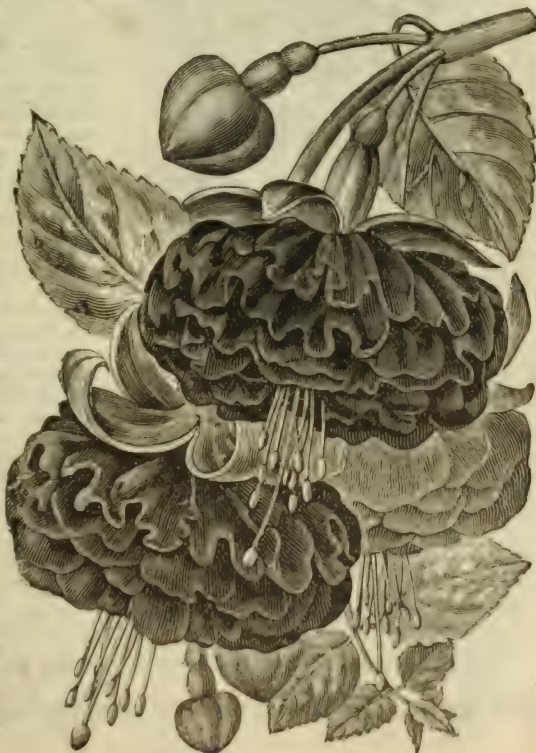
Price 8 cents each; 75c. per doz. Extra size (by express only), 12c. each; \$1.25 per dozen.

HONEYSUCKLES.

Golden Japan.—Leaves variegated, yellow and green; very ornamental.

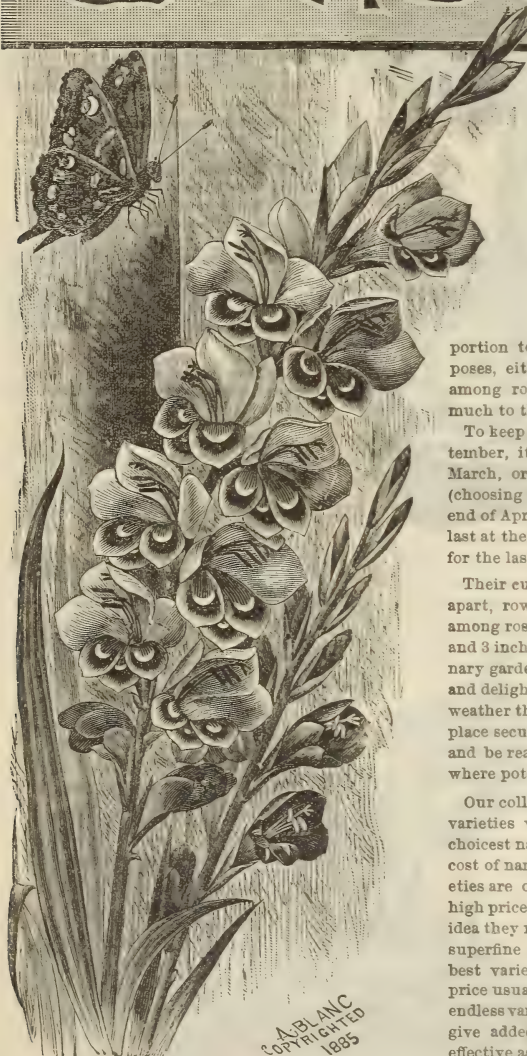
Chinese Evergreen.—Flowers nearly white, fragrant, fine; retains its foliage nearly all winter.

Hall's Japan Evergreen.—A variety lately introduced from Japan; blooms constantly, flowers white changing to yellow; very fragrant. 25 cents each; \$2.50 per dozen.



Fuchsia, Phenomenal.

GLADIOLI.



A. BLANC
COPYRIGHTED
1885

For ease of culture and care, and for satisfaction as a plant and flower, nothing can compare, for the same outlay of money, with the Gladiolus. If the spike of flowers is cut when the first few are open, they will continue to bloom (by placing the spike in water) for ten days, and in some cases two weeks. With their long spikes of snowy white, or bright, glowing colors, they produce a mass of beautiful color, out of all proportion to the cost; and for general bedding purposes, either in groups by themselves, or planted among roses, or in sub-topical groups, they add much to the effectiveness of the garden.

portion to the cost; and for general bedding purposes, either in groups by themselves, or planted among roses, or in sub-topical groups, they add much to the effectiveness of the garden.

To keep up a constant flowering from July to September, it is only necessary to plant at the end of March, or early in April, a portion of the bulbs (choosing the smallest), a second portion about the end of April, a third about the 15th of May, and the last at the end of May—preserving the largest bulbs for the last planting.

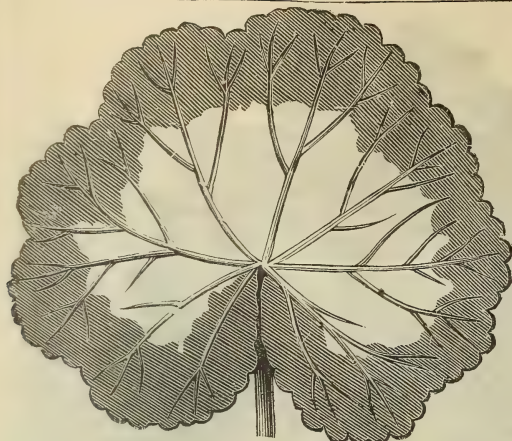
Their culture is very simple. Set them 6 inches apart, rows 8 to 10 inches apart, if in beds, or if among roses, shrubs, etc., 8 inches apart each way, and 3 inches deep in a well-prepared bed of ordinary garden soil, and they will grow and blossom, and delight you with their brightness. Before cold weather they should be lifted and stored in any dry place secure from frost, where they will keep nicely and be ready to plant again next season: a cellar where potatoes are kept being the best place.

Our collection of the bulb is unrivalled, and the varieties we offer so cheaply, include many of the choicest named kinds, but at only a fraction of the cost of named varieties. Hundreds of named varieties are offered by many firms for which a very high price is charged, and many are bought with the idea they must necessarily be better, but our extra superfine assortment will be found to contain the best varieties in cultivation, at only one-quarter price usually charged for them when named. The endless variety of the improved sorts we offer should give added popularity to them—nothing is more effective as a summer flower.

	Per doz.	Per 100.
Price, extra superfine assortment (an elegant variety), all colors, mixed.....	40c.	\$2.50
" white and light colors.....	35c.	4.00
" yellow.....	55c.	3.50
" pink; variegated and striped.....	50c.	3.75
" scarlet and crimson.....	35c.	2.00

If desired by mail, add 10c. extra per doz. for postage.

FOR NEW GLADIOLUS "SNOW WHITE," see SPECIALTIES, PAGE 27.



"Happy Thought" Geranium.

SINGLE GERANIUMS.

These are of intrinsic merit, and very fine. They were selected as the best of each in their respective colors from over one hundred varieties.

General Grant.—Bright scarlet, the best bedder, massing.

Snowball.—White.

New Life.—Striped.

König Olga.—Rich, glowing carmine pink. Extra

Cardinalis.—Rich, glowing crimson.

Mary Hallock Foote.—Soft salmon color.

Francois Arago.—Silvery salmon, shaded

peach; very distinct.

Champion.—Carmine scarlet; 30 cents each. See

Specialties.

SILVER-LEAVED GERANIUMS.

Md. Sallerol.—The best silver-leaved Geranium; compact; never growing over one foot in height; fine for ribbon lines, as it forms a dense mass of a peculiar silvery green, edged with pure white.

Mountain of Snow.—Bright green, the outer margin broadly marked with silvery white; flowers scarlet. Price 15c. each.

GOLDEN OR BRONZE-LEAVED.

Black Douglas.—Leaf marking same as in Pres. McMahon, but with pink flowers.

Crystal Palace Gem.—Light yellow, centre deep green.

Happy Thought.—Broad green edge, yellowish-white centre; carmine colored flowers. (See cut.) Price 20c. each.

SCENTED-LEAVED.

Rose.—The favorite.

Price strong young plants, 10 cents; \$1.00 per dozen, except where noted.

Price extra size (by express only), 15 cents; \$1.50 per dozen, except where noted.

CHATER'S SUPERB HOLLYHOCKS.

These improved varieties are magnificent, with the most perfect flowers, and are from the best collection in England.

The distinctive character and massive beauty of the Hollyhocks render them unrivalled as a picturesque relief to the dark background of evergreen shrubs. For distant effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders, and an admirable boundary line for extensive avenues in park scenery. The plants we have were grown from seed saved from exhibition flowers, and cannot fail to produce superb varieties. Nothing makes a finer display; they remain in bloom so long and are so effective that few plants equal them for summer blooming; the spikes of bloom are three feet in length, a solid mass of color, and the varieties we offer so perfect largely used in summer in place of Camellias for the finest floral and beautiful that they are as handsome as Camellias. Finest prize varieties, pink, yellow, white, etc. Price, Blooming Plants, 15 cents each; \$1.50 per dozen. By mail add 25 cents per dozen.

GERMAN OR PARLOR IVY.

Leaves light green, a very rapid grower, very useful for hanging-baskets, etc.

8c. each; 75c. per dozen. Extra size (by express only), 12c. each; \$1.25 per dozen.

DOUBLE GERANIUMS.

The marked improvements in double geraniums have fast made them more popular than the single sorts. The double sorts are more useful for cut flowers. The flowers do not drop soon, and are less injured by rain.

Mary Geering.—A lovely shade of light pink. The most beautiful and conspicuous geranium among our whole collection, and the most desirable for cutting for bouquets, etc., as the color is so exquisite, while for bedding, its wonderfully free-blooming habit makes it indispensable.

Remarkable.—A remarkably rich color, deep, glowing, violet crimson; a splendid bedder; plants a mass of bloom, thrown up well above the foliage with immense heads of bloom.

La Pilote.—Very brilliant crimson; very double, and very free flowering; surpassing all other varieties of its color that have come to our notice.

Gloire de France.—Large, round florets, of waxy appearance; colors carmine and white, with carmine centre; each petal edged with carmine.

La Cygne, or, The White Swan.—The only pure white double Geranium—never tinged pink.

Queen of the Fairies.—Double salmon, bordered white; a free bloomer and strong grower.

Double General Grant.—Growth low and spreading, yet strong, deeply zoned foliage, above which the numerous large clusters of flowers are thrown, the flowers being unlike any other sort, assuming sometimes only a semi-double form, but which, from their form, are very pleasing indeed; color intense scarlet. We can see no difference in this from Bruanti.

Asa Gray.—Light salmon.

Bishop Wood.—Carmine scarlet; very dwarf; free bloomer.

Geliene Lowagie.—Intense scarlet, fine, extra, the best dwarf, light scarlet, bedding Geranium.

Golden Dawn.—Yellowish scarlet.

DOUBLE IVY-LEAVED GERANIUMS

Bloom in large clusters, flowering very freely, in dense masses, almost covering the plants in the profusion with which they bloom, each flower on nearly every kind measuring two inches in diameter, as beautiful as the best of the double Zonale Geraniums, which, coupled with their beautiful ivy-like leaves and trailing growth, will make them of great value for basket plants.

Count Horace du Choisel.—Bright salmon pink.

Anna Pfitzer.—Beautiful peach-blow; each petal veined in the centre with vermillion.

Jeanne D'Arc.—Pure white; elegant.

La Rosiere.—A soft, beautiful pink at base of petals, shading to blush white at the edges.

Countess Horace du Choisel.—Carmine pink; a very strong, vigorous grower.





HYDRANGEA PANICULATA GRANDIFLORA

This is a grand plant—easily grown, very showy and attractive, lasting in bloom for months, is perfectly hardy anywhere, needs no protection of any kind, and is, without any question, the finest hardy shrub in cultivation. If you do not order anything else, order this surely. It grows about 3 to 4 feet high, is very bushy and compact. It blooms in July at a time when no other shrub is in flower, the flowers remaining beautiful until destroyed by frost. The flowers are pure white, afterwards changing to pink, and are borne in immense pyramidal clusters more than a foot long and nearly as much in diameter. It creates a sensation wherever seen, and has given more satisfaction than any plant we have ever sold. In our grounds the past season it made a splendid show and attracted universal attention. The immense heads of bloom are held in a slightly drooping position, making it unrivalled both for grace and beauty. For cemetery plots, for large estates, for persons with small residences—anywhere, everywhere, it should be planted. A writer in *Vick's Magazine* says: "The first year I planted *Hydrangea grandiflora* it produced three heads of flowers, the second year fifty-six, the third year ninety-two. Thorough cultivation and a pail of liquid manure once a week, helped the plant to bear this enormous load of flowers." The bush should be cut back every spring at least one-half of last season's growth; dug around and well manured. The flowers are borne on the new or young wood, and are largest and finest when the plant is making a strong, vigorous growth. Should be planted in good soil. Will bloom some the first season, but the second season will make a grand display.

Price, extra selected plants, 60c each; \$6.00 per dozen (by express only).

Price, extra size, 40c. each; \$4.00 per dozen. Strong young plants, 20c. each; \$2.00 per dozen.

"Standards," with fine heads, trained to single stems, in tree shape, very scarce and very desirable, being rarely seen. Price \$1.50 each (by express only).

HYDRANGEAS.

These varieties are not entirely hardy, but will live in the open ground if protection of some kind is given. They are very ornamental, the large showy heads of bloom remaining beautiful for months. They are best grown in large pots or tubs, for which they are admirably adapted, and when in bloom placed on the lawn under tall stately trees produce a splendid effect. They are largely used in this way at Newport, and highly prized at that fashionable resort, where the beauty of the horticultural world is gathered, each vying with his neighbor, for the finest grounds. They can be wintered in tubs in any cool cellar, and kept for years, constantly increasing in value. A large fine plant is worth \$15.

The following are the two finest sorts, both Japanese varieties.

Okatsa.—An improvement on the common "H. Hortensis," much larger, flowering when the plants are quite small, the stems terminated with large panicles of rosy carmine flowers, the clusters nearly a foot in diameter, new and scarce, a great acquisition; compact, with bright glossy green leaves. A well-grown specimen is superb.

Thos. Hogg.—Flowers pure white, offering a fine contrast to the above.

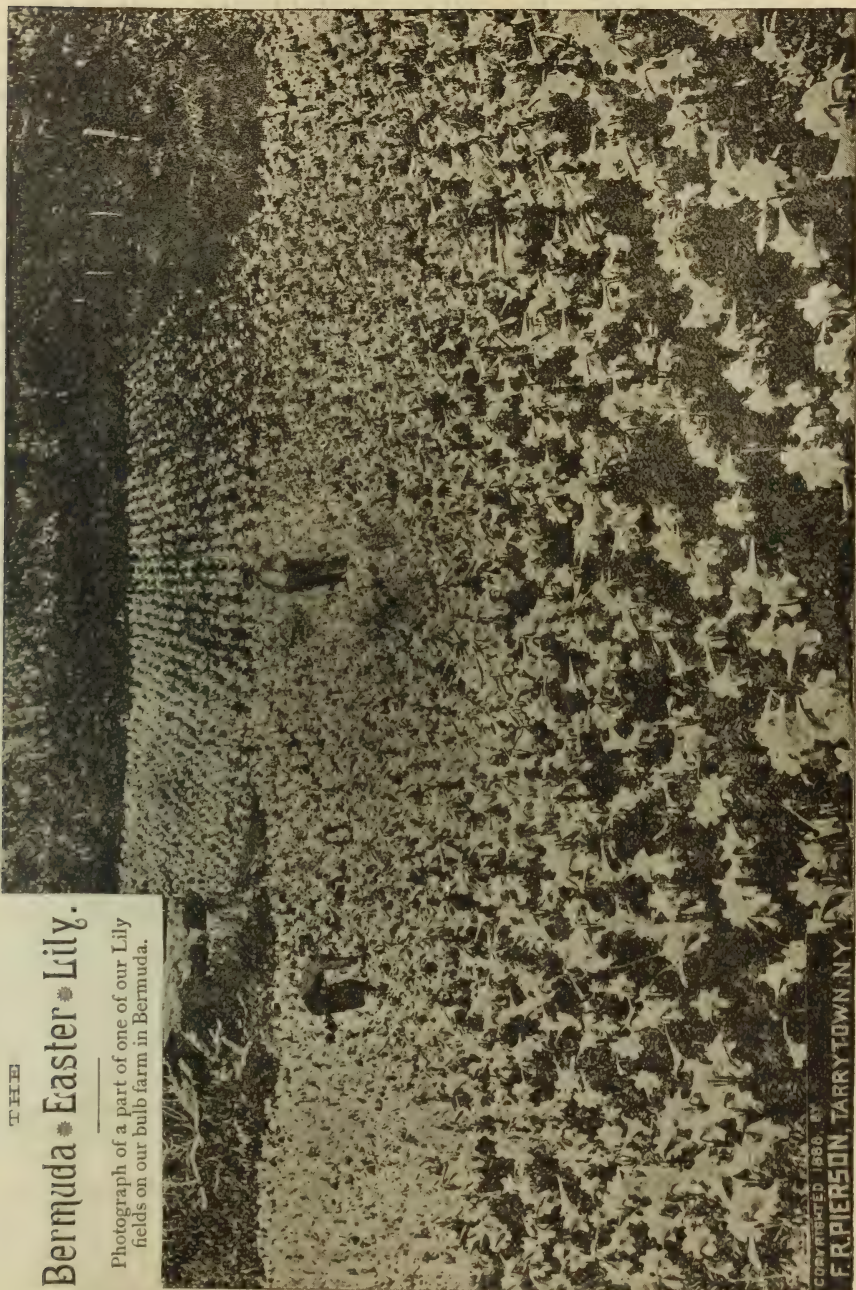
25c each; \$2.50 per dozen.

Extra sized plants (by express only), 50c each.

Specimen plants (by express only), \$1.50 to \$3.00 each.

"My small order came to hand promptly and in splendid condition—not a leaf withered. Thanks for your promptness and liberality."
Salt Lake City, Utah.

Mrs. N. M. Hesse.



THE

Bermuda • Easter • Lily.

Photograph of a part of one of our Lily fields on our bulb farm in Bermuda.

F. R. PIERSON, TARRYTOWN, N. Y.
COMMENCED 1886, N. Y.

LILIUM HARRISII,

BETTER KNOWN AS

THE BERMUDA EASTER LILY.

This Valuable Lily is our Specialty.

We grow the bulbs by the acre on our own grounds in Bermuda. We were the first to grow it in large quantities and to offer it at reasonable prices, and we have long been recognized by the trade as headquarters for it, supplying the trade as we do, both in this country and in Europe.

This is not only the best by far of all Lilies for winter blooming, but it is *one of the most profitable flowers that can be grown by florists*. Notwithstanding the extreme depression in the cut-flower market the past winter, the demand for this flower warranted dealers in paying us as high as \$3.00 per dozen blooms, and notwithstanding the immense number of plants we flowered, we found at all times a ready demand at large prices for our entire product. It is very easily handled, and, the flowers being especially effective for decorative purposes, always commands large prices. From its name, some have thought it was a bulb for florists' use for forcing for the Easter market. This is not exclusively so; it derives its name from the fact that, in Bermuda, grown in the open ground, it blooms at Easter time—hence the name "Bermuda Easter Lily"—but by growing it in this country in the greenhouse, with succession lots, it can be had in bloom all the winter from early in December until after Easter; in fact, by special culture, all the year round, or as long as cut flowers are in demand. It takes about four months from time of planting for them to bloom, and calculations can be made accordingly. THE FACT THAT IT CAN BE FORCED INTO BLOOM BY THE CHRISTMAS HOLIDAYS adds particularly to its value, as it fills in at a time when flowers are usually scarce and in great demand; but to accomplish this the bulb must be potted early in August, something depending upon after treatment and temperature the bulbs are grown in.

For this purpose our Bermuda grown bulbs are indispensable, as in Bermuda the bulb reaches its highest development, and ripens off perfectly, and is ready for shipment usually by middle of July—before bulbs in our own country have hardly begun to make their growth. Our bulbs being grown in the open ground, in a climate naturally adapted for their perfect growth, are particularly strong and healthy.

It is the most important and valuable addition that has been made to our list of Lilies in many years. In general appearance, and more especially in the shape of its flowers, this Lily resembles the old well-known *L. Longiflorum*, but perfectly distinct from that variety, from the fact that it blooms planted side by side in the same fields and with the same culture from four to six weeks earlier than *Longiflorum*, and the tops are dead and gone when *Longiflorum* is in full growth. We have also flowered *Lil. Long.* and our Bermuda Easter Lily, in our greenhouses side by side, and the difference in their time of blooming there is even more marked. Then, another special characteristic in addition to its earliness, lies in the freedom with which it blooms. There are other marked differences, in shape of bulbs, leaf and in foliage, that are distinct to a critical eye. Many have seen it as grown in our greenhouses, who have become enthusiastic in its praise.

Having my attention drawn to its great value some years ago, I became desirous of seeing it in its native home, and made a visit to the Bermuda Islands, where I saw it in all its pristine glory, and became still more firmly convinced of its rare excellence. Recognizing its great value, and also the well-known fact that a bulb is produced in its greatest perfection when grown in a soil and climate specially adapted to its nature, I formed a partnership arrangement with a gentleman living in Bermuda, under the firm style of F. R. PRINSON & Co., for the sole propagation and culture of this Lily.

The following paragraph, which we clip from a recent number of the N. Y. *Tribune*, is from a correspondent of that paper, who thus speaks of our fields in Bermuda, which he saw when in full bloom:

"One gentleman has been experimenting in raising extensively the Bermuda Easter Lily, a beautiful white Lily which flourishes here to a wonderful degree. His field of many hundred thousand bulbs, white with blossoms, is a rare sight to behold. If these blossoms could only be put down on Broadway on a February day his fortune would be assured; but, unfortunately, they cannot, and he makes his money by selling the bulbs to the American and European florists, who force them in greenhouses and put the blossoms on your market in the winter months at large prices."

The freedom with which this Lily blooms is remarkable. *Lilium Longiflorum* (the old standard sort and the best until the introduction of this Lily), usually bears from one to two flowers to a stalk, and often comes "blind," or fails to bloom at all; but this Lily flowers when very small, and never fails to bloom. Small-sized bulbs flower freely, those of medium size producing a correspondingly larger number of flowers, while large bulbs produce about twelve flowers to the stalk. Two years ago we had a stem with seventy perfect buds and blossoms, and this year one with one hundred and two blossoms; but even this, although it may seem wellnigh incredible, has been exceeded by a plant brought here from Bermuda, which bore one hundred and forty-five blossoms on a single stem, and was noticed in the New York papers as a "Floral Wonder," an illustration of which we give on last page of cover. These, of course, are exceptions, but serve to show the freedom with which it blooms.

The flowers are large, trumpet-shaped, pure waxy white, symmetrically formed, and beautiful and chaste as anything can be imagined. The ends of the petals are recurved, giving it a very graceful appearance. Its fragrance is delightful. The keeping qualities of the flower are equal to *Longiflorum*, if it is cut at the proper time, which is when the flower has become two-thirds expanded, when it is cut and kept in a cool cellar, can be kept two weeks.

This is one of the choicest and best plants for winter blooming in the house that there is and will give splendid satisfaction. We advise all our customers who grow winter blooming plants, even if they have no greenhouse, to grow this, as it succeeds in the house splendidly, and cannot fail to please every one.

☞ Bulbs ready for delivery August 1. Orders will be received at once for delivery at that time. Full directions for cultivation sent free to all purchasers.

PRICE, EXTRA LARGE BULBS, 15 CENTS; \$1.50 PER DOZEN
(By Express only); \$10.00 PER 100. BY MAIL, 20 CENTS EACH

PRICE, DOUBLE EXTRA LARGE BULBS, 25 CENTS EACH; \$2.50 PER DOZEN
(By Express only); \$15.00 PER 100. BY MAIL, 30 CENTS EACH.

PRICE, MAMMOTH SIZE BULBS, 35 CENTS EACH; \$3.50 PER DOZEN
(By Express only); \$25.00 PER 100. BY MAIL, 40 CENTS EACH.

HARDY LILIES.

THE GEMS OF THE WHOLE FAMILY.

These kinds succeed best, and are the most beautiful of this favorite flower.

Culture.—It is generally supposed Lilies need special soil, but this is not the case; they all delight in light, rich soil, such as is afforded by a mixture of loam and well decayed cow manure. Make your heavy soil rich, and provide good drainage, and make your light soil rich, mulching the soil in the hottest summer months, and you will get an abundance of beautiful Lilies. If the soil can be turned to the depth of two or three feet in working in the manure, all the better. The soil should be deep and well drained, so that all water shall pass off rapidly. In planting the bulbs a great mistake is made in planting them too shallow; all except the very smallest bulbs should be at least six inches deep. It is a good plan to put a handful of sand below and around the bulb. One of the best places to plant Lilies is among rhododendrons, or low-growing shrubs, where the ground is partly shaded. Success in Lily culture depends upon keeping the bulbs as cool as possible during our hot summers. Bulbs should be allowed to remain undisturbed for years, frequent removals being injurious by destroying the roots. While all that are offered here are perfectly hardy, it is best to cover the soil over them with littery manure in the fall. For a garden of moderate size the following sorts are the best. Lily bulbs being taken from the ground, should be ordered early, before growth commences, usually until May 1.

Procerx.—Color pure white, with a slight rose tint on the ends of the petals; petals reflexed like *Roseum*. The fringe in the centre of the flower is very long and fine, giving it an exquisite appearance. 30c. each; \$3.00 per doz. By mail, 35c. each.

Roseum.—The stately form, beauty of color and delightful fragrance of this variety have made it a great favorite wherever grown. It grows about two feet high, and produces from six to twelve flowers, white flushed with pink, and spotted with

distinct carmine markings, of a much darker shade. Price 20c. each; \$2.00 per dozen. By mail, 25c. each.

Elegans.—Rich blood crimson, spotted with black. 15c. each; \$1.50 per dozen. By mail, 20c. each.

Album.—Pure white; in shape like *Roseum*. Very fragrant, 30c. each; \$3.00 per dozen. By mail, 35c. each.

THE GOLDEN BANNED LILY OF JAPAN.



Copyrighted

The most beautiful of all Lilies! This magnificent flower should be in the garden of every customer, whether in city or country. It should be in the smallest garden, and no collection of the rarest and choicest exotics is complete without it. It creates a sensation wherever seen. **OF RARE BEAUTY! SUCCEEDS EVERYWHERE!! CANNOT FAIL TO GIVE SATISFACTION!!!** If a flower ever merited the name of "glorious," this does, and is well entitled to the name of "Queen" of Lilies. It stands far above all other lilies, whether we regard its size, sweetness, or its exquisite arrangement of color. It is perfectly hardy and blooms every year, bearing from 5 to 20 flowers to a bulb, increasing from year to year. Its flowers are from ten to twelve inches across, composed of six delicate white, ivory-like petals, each being thickly studded with rich chocolate, crimson spots, having a bright golden band through the centre of each petal. **It is the admiration of every beholder; no description can do it justice.** It has a delicious, spicy fragrance, mingled with an "attar of roses"-like perfume. A few years ago bulbs sold for \$5 each, and it was so popular that the demand far exceeded the supply, even at that large price. Our importation from Japan this season of these bulbs is so fine that in order to induce every one to secure this treasure, we offer fine, strong, healthy bulbs at so low a price as to place it within the reach of all.

Remember this is no untried novelty. It requires no more care than other plants, and is sure to do well. In order to make success certain, we send full instructions for its culture with each bulb sold.

Nothing we sell gives such entire satisfaction as this popular flower. The Bulbs we offer are very fine, and will bloom the first season planted.

Price, extra fine bulbs, 20c. each; \$2.00 per dozen. By mail, 25c. each.

"Please send me some more of your beautiful Lily bulbs, those very large ones. My Lilies bloomed so beautifully last spring, that I am sure they made you other patrons, for I never imagined anything so beautiful."

Kalamazoo, Mich.

MRS. W. S. LAWRENCE.



LILIUM CANDIDUM.
THE BRIDAL LILY OF BERMUDA.
THE LILY OF PURITY, OR THE ANNUNCIATION LILY.

This is a perfectly hardy White Lily, as hardy as an oak, and should always be planted as early as possible. It grows about four feet high, bearing large clusters of snowy white, medium-sized flowers, delightfully fragrant, and has long been regarded as the Emblem of Purity. It is sure to grow and do well, and planted in borders, or among shrubbery, forms a beautiful and conspicuous feature on any place. The great number of flowers it bears is well shown in the above engraving, which was made from a photograph of a group when in bloom. Every one who has not got a group of this beautiful hardy lily should not fail to plant one dozen or more of the bulbs, as they are very cheap, and will well repay the outlay next year, and will continue to increase in beauty from year to year.

15 cents each, \$1.50 per dozen.

Extra size, very large, by express, 20 cents each; \$2.00 per dozen.

Our bulbs, which are imported from France, are very heavy and extra fine.



LILY OF THE VALLEY.

Fragrant and beautiful little plants, indispensable to every garden. They are now extensively grown during the winter for cut flowers, their slender stems and white corollas being highly prized for choice bouquets.

5c. each; 50c. per dozen; \$2.50 per 100.

LABURNUM, OR GOLDEN CHAIN.

Cytissus Laburnum.—A native of Europe, with smooth and shining foliage, attaining a height of twenty feet. The name "Golden Chain" alludes to the length of the drooping racemes of yellow flowers, which appear in June. Very beautiful. Price 75 cents each. By Express only.

LILAC.

Purple and white.

Price 30 cents each; \$3.00 per dozen. By Express only.

LEMON VERBENA:

OR, ALOYSIA CITRIODORA

Esteemed for its fragrant foliage.

10c each; \$1.00 per dozen.

LOBELIAS.

The prettiest of blue flowering plants, with delicate foliage and a profusion of flowers; admirable for baskets.

Compacta.—Blue; the best bedding variety.

6c each; 60c per dozen.

Gracilis.—Blue, trailing; for baskets. 6c each; 60c per dozen.

MADEIRA VINE.

A very rapid growing climbing plant, with fleshy leaves, covered with spikes of feathery flowers, with the delicate fragrance of Mignonette.
5 cents each ; 50 cents per dozen.

NASTURTIUM.

These will always be valuable summer-flowering plants, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, no matter how high the thermometer may record. They flower better, however, in a poor, rocky soil, as a rich one has a tendency to make them "run to leaf."

Yellow Tom Thumb.

King of Tom Thumbs.—Crimson scarlet.

Empress of India.—Brilliant crimson. It ranks far ahead of all others.

Extra size, by express only, 15 cents each ; \$1.50 per dozen.

OXALIS.

Clover-like leaved bulbous rooted plants, with very showy blossoms ; for baskets, etc. ; are not excelled.

10 cents each ; \$1.00 per dozen.

PINK (Alba Fimbriata.)

A double white variety, of good form and substance, and very fragrant. It is very useful for cutting for bouquets in summer ; hardy ; blooms second year and constantly afterwards.
8 cents each ; 75 cents per dozen.

**PINKS (Summer Garden Varieties.)**

Comprise many distinct and beautiful varieties : they bloom continually all summer long, and are very valuable for bouquets and for cutting for vases, etc. One of the most satisfactory plants grown in the garden.

8 cents each ; 75 cents per dozen.

NEW FANCY HYBRID FRINGED PETUNIAS

A wonderful advance has been made in Petunias within a few years—the markings, size and color of the flowers are remarkable, and they create a sensation wherever shown. In our own grounds they have proved to be very attractive, and we predict for them a large sale. The flowers are deeply fringed, and combine extreme elegance of form with great diversity of delicate and charming colors. Nothing is showier or more easily grown, and nothing gives such a constant display from very early until very late, as these Petunias, and this improved section must make them very popular. Our illustration is reduced about one-half size, and, although it shows the beautiful form of the flowers of our improved varieties, and will serve to give some idea of their elegance, yet no engraving, no matter how aided by description in words, can convey any adequate idea of their marvellous beauty and rich and elegant colors. This improvement has only been accomplished by the most intelligent and patient work, through a long series of years, until now it would seem as if perfection had been reached. To give an idea of the great expense and consequent value of seed such as our plants are raised from, we will state that it is worth at wholesale eighty dollars an ounce, or, in other words, its value is five times its weight in gold.

8 cents each ; 75 cents per dozen

Extra size, by Express only, 12 cents each ; \$1.25 per dozen.



Plants received yesterday: they arrived in splendid condition and look as though they had been on the road about one day instead of eight. Please accept my thanks for the choice extra plants you sent, and oblige,

Yours very respectfully,

GEORGE THOMPSON, Winters, Yolo County, California.

RICINUS.

Castor Oil Bean.—Stately, ornamental leaved plants, for centres of sub-tropical groups, etc. 15 cents each; \$1.50 per dozen. (By Express only.)



DOUBLE SWEET WILLIAM.

Old garden favorites; hardy. We have a fine assortment of colors.

10 cents each; \$1.00 per dozen,

SPIREAS.

S. Thunbergia.—Very graceful; flowering very early in spring; the first to bloom; branches slender and somewhat drooping.

S. Reevesii.—Round clusters of white flowers that almost completely cover the branches; blooms in June.

Price 35 cents each. (By express only.)

SALVIA.

Splendens, or Scarlet Sage; brilliant scarlet. 8 cents each; 75 cents per dozen.

Extra size, by express only, 10c. each; \$1.00 per doz

SMILAX.

Myrsiphyllum Asparagoides.—One of the most delicate and beautiful of all vines; most extensively used in all bouquet work; for greenhouse culture.

10 cents each; \$1.00 per dozen,

TUBEROSE BULBS.



These have always been great favorites, and no flower is more easily grown if good sound bulbs are procured. The bulbs we sell are grown in immense quantities for us, and are of a very superior quality. In the latitude of N. Y., the bulbs should not be planted in the open ground before May 1, but their season of blooming can be advanced by starting the bulbs, as much earlier than that as may be desired, in a hotbed, greenhouse, or any place where a temperature of 60 degrees can be kept. In planting the dry bulbs out of doors no special treatment is required; any good rich garden soil is all that is necessary, covering the top of the bulb, about one inch, with soil. This treatment will bring you showy, magnificent spikes of bloom. The poor results sometimes obtained, are because second quality bulbs are frequently sold.

Italian or Tall Double. Spikes 4 feet and upwards in height; flowers not so large or heavy as our "Excelsior Pearl," but better adapted for planting in the garden, as it opens more perfectly than the "Pearl" when grown out of doors.

Price 60c. per dozen. By mail, add 10c. per doz.

For hundred rates, see page 49.

Dwarf Excelsior Pearl. The chief characteristics of this variety are its short, robust stem, growing to a uniform height. The latter being produced as freely as in the common sort, while they are quite double the size. The best for flowering in the greenhouse on account of its dwarf habits. An enormous spike crowned with numerous large, beautifully-formed, exceptionally white flowers; we have counted as many as 50 flowers on a single spike.

Price, 60c. per dozen. By mail, add 10c. per doz.

For hundred rates, see page 49.

New Variegated Leaved Orange Flowered. The leaves of this novelty are bordered creamy white. It makes a most magnificent plant, blooms several weeks earlier than the other sort; flowers single; very large, and exquisite fragrance; set very gracefully on the stalk, and for these reasons, has been called the "Orange Flowered" Tuberose; a novelty that will please every one.

Price, \$1.00 per dozen. By mail, add 10c. per doz.

The box of plants came yesterday in first-class order and reflects credit on your manner of handling such frail goods.

Yours truly,

R. LAMB, New York.

TIGRIDIAS.

The *Tigridia* is a grand summer-flowering bulb, and should be planted in the open ground in May. It commences blooming early in July, and produces an abundance of gorgeous flowers till October. Late in the autumn the bulbs should be lifted, dried and stored in the cellar like *Gladiolus*. It is one of the easiest plants in the world to cultivate, and always sure to bloom in any situation, and to cause admiration. At our large flower shows, held in New York City, the *Tigridias*, particularly the white variety, have always attracted universal attention.

***Tigridia Grandiflora Alba*.** Its flowers are large, of a dead or pearly-white color, marked at the base of each division with large spots of reddish brown or chesnut color on a yellowish ground, forming a fine contrast with the white of the petals. This is a decided acquisition to our summer borders, and a grand companion to the already known and admired varieties of this family.

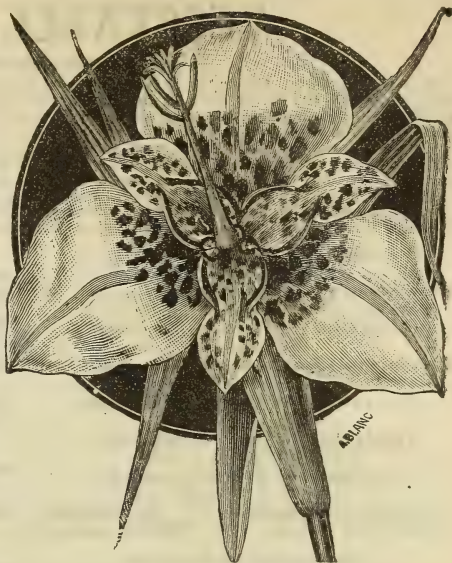
Price, \$1.00 per dozen.

***Conchiflora*.** Fine yellow, spotted with crimson.

Price, 50c. per dozen.

***Grandiflora*.** Very large, bright crimson, centre variegated with yellow.

Price, 75c. per dozen.



TIGRIDIA GRANDIFLORA ALBA.

TRADESCANTIA.

Often called "Wandering Jew." Very pretty for baskets, etc.; growing rapidly.

***Zebrina*.**—Silvery white, dark green and purple.

" ***Repens Vitata*.**—Green and white.

***Multicolor*.**—A beautiful new variety, which will prove a great acquisition to our list of basket plants. It is of creeping or drooping habit, foliage brightly marked and streaked with rose, white, pink, bronze and green. Very fine. 15 cents each, 75 cents per dozen, except when noted.

TORENIA.

***Fournierii*.**—The *Torenia*s are among the prettiest summer plants for vases or hanging baskets. The flower is sky-blue, dotted with three dark blue spots, has a bright yellow throat, and is an exceedingly free bloomer.

10 cents each; \$1.00 per dozen.

Extra size, by express only, 15 cents each; \$1.50 per dozen.

VIOLET MARIE LOUISE.

Dark blue, larger than any other and almost exclusively grown.

8 cents each; 75 cents per dozen.

VIOLET, SWANLEY WHITE.

Pure white; free bloomer. Valuable and highly prized, contrasting finely with the purple one.

Price 10c. each; \$1.00 per dozen.

NEW MAMMOTH VERBENAS.

Our collection of these popular and favorite bedding plants comprises an assortment of all the most beautiful and distinct colors, both new and old. Especial attention is given to their culture, and our stock is large and healthy. Mixed sorts, without names, are as good for bedding purposes, and cost considerably less than when named. A full description will be found on page 80.

Unnamed, price 6 cents each; 60 cents per dozen; \$4.00 per 100.

Twelve choice named sorts, or in separate colors, white, pink, scarlet and blue, 8 cents each; 75 cents per dozen; \$5.00 per 100.

VINCA, or Periwinkle.

Long, trailing vines, indispensable for baskets or vases.

***Major*.**—White and green.

***Elegantissima*.**—Green and yellowish green, variegated.

***Minor Cerulea*.**—Commonly called "blue myrtle," a fine plant for covering graves in cemeteries.

Price 10 cents each; \$1.00 per dozen.

Extra size, by express only, 20 cents each; \$2.00 per dozen.

WISTARIA SINENSIS.

One of the most popular of our hardy vines, climbing to a height of fifty feet or more; blooms in spring in long, drooping racemes of purple, and is truly magnificent.

Extra size, by express only, 50 cents each.

WISTARIA SINENSIS ALBA.

The true white *Wistaria*, fine and distinct, bearing long racemes or clusters of pendulous white flowers; should be largely planted. Very scarce; planted in connection with the blue and allowed to twine together, produces a charming effect.

Price 75c. each (by express only).

YUCCA FILAMENTOSA.

Perfectly hardy and easily grown; very odd and beautiful. The stem on which the flowers are borne is thrown up in July, and forms a perfect pyramid of creamy white, bell-shaped flowers. Very picturesque effects are produced when planted in groups on the lawn.

Price 50 cents each (by express only).

The plants arrived in splendid condition, just as fresh as if brought out of the greenhouse. I never saw such large *Coleus* shipped by express before, and the roses and other plants are growing nicely. Many thanks for extras.

Respectfully yours,

K. E. PERKINS, Monroe, Conn.

VEGETABLE + PLANTS.

ASPARAGUS ROOTS.

The ground for an Asparagus bed should be thoroughly prepared beforehand by trenching two FEET deep, mixing the soil thoroughly with plenty of manure: as no more can be applied after the beds are planted except by surface dressing, the soil can scarcely be made too rich. A plot of ground 20 ft. by 60 ft. will be large enough to supply a moderate sized family, requiring 300 plants. Plant in rows 3 feet apart, plants 1 foot apart in the rows. To plant the bed, open trenches six inches deep and the width of a spade, spread the roots out carefully in all directions, keeping the crown six inches from the surface. Plant always in spring, as early as the ground can be worked. In autumn cut old stalks off, remove all weeds, and cover with a top dressing of manure, which should be forked in, in the spring, with a dressing of fine salt, about 2 or 3 lbs. per square yard, or 200 lbs. for a bed of the above size. A new bed should be left uncult two years, cutting the third year. **Colossal.**—Fine strong 2-year-old roots, \$1.00 per 100; \$7.50 per 1,000.

CABBAGE PLANTS.—Early.

Ready April 10.

Henderson's Early Summer.—Best for family and market. 50c per 100; \$4.00 per 1,000.

CAULIFLOWER PLANTS.—Early.

Ready April 10.

Henderson's Early Snowball.—Best Cauliflower grown. \$1.50 per 100; \$10.00 per 1,000.

CAULIFLOWER PLANTS.—Late.

(READY IN JUNE).

Half early Paris, or Nonpareil.—

\$1.00 per 100; \$6.00 per 1,000.

CABBAGE PLANTS.—Late.

(READY IN JUNE).

Premium Flat Dutch.

Drumhead Savoy.

Drumhead.

Red (for pickling).

20 cents per 100; \$2.00 per 1,000.

RHUBARB.

Linnaeus.—Large.—\$2.00 per dozen.

CELERY PLANTS.—READY IN JUNE.

Golden Dwarf.—New. **Half Dwarf.**—Best. **Boston Market.** **Giant.** **Red.**

50 cents per 100; \$4.00 per 1,000.

White Plume.—New self-blanching. 75 cents per 100; \$6.00 per 1,000.

LETTUCE PLANTS.

Ready April 10.

Black Seeded Simpson.—Curled.

Henderson's New York.—Head.

\$1.00 per 100.

EGG PLANTS.—READY MAY 15.

N.Y. Improved.—The best. \$1 per doz.; \$6 per 100.

PEPPER PLANTS.—READY MAY 15.

Large Bell, or Bull Nose, and Cayenne.

60 cents per dozen; \$4.00 per 100.

TOMATO PLANTS.

Acme. **Trophy.** **Perfection.**

20 cents per dozen; \$1.50 per 100.

The Mikado.—30 cents per doz.; \$2.25 per 100.

VEGETABLE PLANTS, BEING HEAVY AND BULKY, CANNOT GO BY MAIL. BY EXPRESS ONLY.

SMALL * FRUIT * PLANTS.

THE NEW WHITE GRAPE, "NIAGRA."



This famous grape was offered to the public for the first time last season. It originated some years ago, and has been in the hands of the "Niagara Grape Company," who, seeing its value, and, by the way, organized for its sole culture, have retained absolute control over the vines propagated up to this time, planting hundreds of vineyards, which were to be paid for out of the crops raised, so firm a belief had they in its market value and its success generally. This was never done before with any new grape, and is conclusive evidence of its value. It has succeeded everywhere, and has proved to be the most profitable grape grown. It is perfectly hardy, very vigorous, enormously productive, of the best quality.

Price, 40 cents each. Add 3 cents each for postage.

NEW WHITE GRAPE, "EMPIRE STATE."

The particular merit of this grape lies in its earliness, always ripening in any season; in its high quality, which is of the very best, and in its productiveness, which is enormous. A magnificent fruit.

Nearly all of the bunches shouldered, and the finest shade of white ever seen in fruit. A good grower and fruiter in every respect. Bunches large, from six to ten inches long, berry medium to large, roundish oval, color white, with very light tinge of yellow, covered with a thick, white bloom; flesh tender, juicy, rich, sweet and sprightly, with a slight trace of native aroma, continuing a long time in perfection; vine very hardy. Its great productiveness, beautiful color, fine quality, extreme hardiness, vigor and healthfulness of vine and foliage, size and compactness of cluster, and good shipping qualities, make it the Best White Grape, all things considered, yet produced.

Price, 40 cents each. Add 3 cents each for postage.

Our list of pot-grown Strawberry plants for summer planting will be ready in August, and will be mailed on application. Plants set early in the fall will give a full crop the following spring.

HARDY GRAPES.

First-class two-year-old vines.

Brighton.—Red, very early, 30 cents each.
Concord.—Black, medium season, 20 cents each.
Delaware.—Red, of best quality, 30 cents each.
Lindley.—Large, red, early, 20 cents each.
Moore's Early.—Extra early, black, 35 cts. each.

Pocklington.—Large, white, 30 cents each.
Salem.—Light bronze, medium early, 30 cts. each.
Worden.—An improved Concord, larger, handsomer, two weeks earlier, and of better quality. 30 cents each.

If to be sent by mail, add 3 cents each for postage.

NEW CURRANT, FAY'S PROLIFIC.

As large and beautiful as the Cherry, with longer clusters, less acid and better flavor; and what is of the greatest importance, very much more productive. As compared with the Cherry Currant, Fay's Prolific is equal in size, better in flavor, *three times as prolific*, and from its peculiar long stem is much more rapidly picked. This is saying a vast deal for a fruit, but rarely does a new variety sustain its claims so well as does this Fay's Prolific. It is one of those good things that appear from time to time, and mark a great advance in the fruits of their kind that all should have. It has been tested by all the leading fruit growers, and the testimony as to its wonderful size, beauty and excellence is universal.

Price, strong two-year plants, 30 cents each; \$3.00 per dozen.

If by mail, add 3 cents each extra for postage.

THE NEW RED RASPBERRY, MARLBORO'



No one can afford to be without this Raspberry. No berry compares with it—it is the earliest valuable variety. Of the largest size, and a very great bearer, and entirely hardy—very vigorous. This is the greatest acquisition among Raspberries in many years. 50 cents per dozen. If to be sent by mail, add 12 cents per dozen for postage.

NEW YELLOW RASPBERRY, GOLDEN QUEEN.

Light orange-colored, exquisite flavor; perfectly hardy; the most delicious of all raspberries; peculiarly melting and luscious. Should be in every garden. \$1.00 per dozen. If to be sent by mail, add 12 cents per dozen for postage.

INDUSTRY GOOSEBERRY.

A new foreign variety that promises to be a valuable acquisition. The fruit is large, dark red, with a rich, pleasant flavor. It has given the best of satisfaction where tried; an immense yielder, and has shown no sign of mildew. Ellwanger & Barry, the introducers, state they believe it will revolutionize Gooseberry culture in this country, and describe it as unequalled for size, flavor, productiveness, and vigorous growth. The introducers have fruited it several years, it proving an immense yielder, and showing no signs of mildew.

Price 40 cents each. \$4.00 per dozen.

If by mail, add 3 cents each extra to pay postage.

THE LUCRETIA MAMMOTH DEWBERRY.

In this new fruit (which might be called a climbing blackberry) we have the most delicious of all berries. They should be trained on a trellis or tied to a stake like grapevines, and in the spring they produce great masses of large, pure white, sweet-scented flowers, which are followed by clusters of delicious fruit, larger, richer, and far more prolific than blackberries, very juicy and sweet to the core. The fruit is borne in great quantity, and is admitted by all to be the finest of all berries. It is perfectly hardy and does not sucker from the roots, and for this reason is much better adapted for garden culture; it is increased from the tips like black-cap raspberries. It will thrive in a very poor soil; in fact, it will do well where no other fruit will bear at all. This valuable berry is attracting the attention of the large nurserymen, who are growing a stock of it, and in a few years it will be everywhere planted as the finest of all small fruits.

Strong plants, 15 cents each; \$1.50 per dozen.

If to be sent by mail, add 12 cents per dozen to pay postage.

CURRANTS.

If by mail, add 3c. each for postage.

	Per Doz.	Per 100
Cherry. —2 years old.....	\$1.00	\$6.00
White Grape. —2 years old.....	1.00	6.00
Red Dutch. —2 years old.....	1.00	6.00

BLACKBERRIES.

If by mail, add 1c. each for postage.

	Per Doz.	Per 100
Kittatinny. —The best.....	\$0.50	\$3.00

RASPBERRIES.

If by mail, add 1c. each for postage.

	Per Doz.	Per 100
RED.		
Cuthbert, extra good	\$0.50	\$3.00
BLACK-CAPS.		
Gregg, the best late Black-Cap	0.50	3.00

GOOSEBERRIES.

If by mail, add 3c. each for postage.

	Per Doz.	Per 100
Downing. —2 years old	\$1.50	\$10.00

My plants arrived all right; they were as fresh as though they were just cut, not a leaf hurt. Many thanks for extras.

Scituate Centre, Mass.

MRS. KATE BROWN.

WHOLESALE RATES.

For the benefit of our customers who use large quantities of bedding plants each season, we offer the principal popular bedding plants that are used for that purpose, at the following exceptionally low rates.

PRICES THAT WILL COMMAND ATTENTION.

The plants named on this list are thrifty and vigorous, well-balanced, heavily rooted plants in 2½-inch pots, except where larger sizes are offered.

The quantity purchased always enters into the cost of *any* article, and with nothing more so than with plants. Labor is a heavy item of expense in this business, and whatever facilitates the rapid filling of orders lessens the cost of growing, so when varieties are not specially named on this page they must be of our own selection, which, however, will embrace the best varieties and a wide range of color, and will be perfectly satisfactory to every one. But we cannot afford the extra time and labor required to furnish long lists of varieties at these very cheap prices, which are but little over cost of production, and we cannot fill orders for less than twenty-five plants of a kind or variety offered on these pages (48 and 49) at these wholesale rates.

Plants at these low rates cannot be sent by mail, but must invariably go **BY EXPRESS, AND BY EXPRESS ONLY**, purchaser to pay express charges, as at these prices we cannot afford to pay postage.

	Per hundred
Anthem. Coronaria, fl. pl.	\$ 6 00
Alternanthera Paryonchoides Major.	4 00
" Aurea Nana.	4 00
" Versicolor.	4 00
Ampelopsis Veitchii, "Boston Ivy," strong plants, 3½-inch pots.	20 00
Alyssum, Tom Thumb.	4 00
Asters, Perfection, (ready May 1)	4 00
Ageratum, Cope's Pet.	4 00
Coreopsis Lanceolata, new (see page 19).	12 00
Coleus, Golden Bedder, best yellow.	4 00
" Black Bird, best black.	4 00
" Favorite, red, gold margin.	4 00
" J. Goode, new yellow, strong grower.	4 00
" Firebrand, brilliant red.	4 00
" Hero, black.	4 00
" Verschaffeltii, the standard crimson sort.	4 00
" Twelve best assorted varieties.	4 00
Chrysanthemums, Japanese (assorted, but our selection only).	6 00
Cannas, strong plants, started in 5-inch pots (ready May 1).	
" Ehemani.	20 00
" General Boulanger, new French Canna, elegant, flowers yellow marked with scarlet.	12 00
" Adolph Wiek, new French Canna, large scarlet Gladiolus-like flowers.	12 00
" Brilliantissima, new, dark leaved.	12 00
" Excelsa Zebrina, dark, banana-like-leaved Canna.	12 00
" Metallica, very darkest foliage.	12 00
Calendula Meteor and Prince of Orange.	4 00
Caladium Esculentum, strong plants, started in 6-inch pots (ready May 1).	20 00
" dry bulbs.	\$12.00 to 16 00
Centaurea Gymnocarpa, the standard silver-leaved plant.	4 00
Cineraria Acanthifolia (Dusty Miller).	4 00
Dahlia, Single and Double (our selection of sorts only) in 3-inch pots.	10 00
Delphinium Formosum.	6 00
Feverfew, double white.	6 00
Golden Feather, Pyrethrum Parthenifolium Aureum, for ribbon lines.	4 00
Fuchsias (our selection of sorts only), a fine assortment.	6 00
Geranium, New "Champion" (see page 25).	16 00
" Single Gen'l Grant, scarlet.	6 00
" Assorted, Single Kinds.	6 00
" Double Gen'l Grant, strong, vigorous grower, free bloomer, elegant.	6 00
" Remarkable, Violet crimson.	6 00
" Bishop Wood, a carmine scarlet, dwarf, splendid for bedding.	6 00
" Mary Geering, best double pink.	6 00
" La Pilote, best double dwarf crimson scarlet.	6 00
" Geliene Lowagie, best double dwarf light scarlet.	6 00
" Assorted, Double Kinds.	6 00
" Md. Salleroy, new, silver leaved, excellent for border.	6 00
" Double Ivy Leaved, choicest kinds, new varieties.	6 00

WHOLESALE RATES.

(CONTINUED.)

Per hundred

Gladiolus, our superfine assortment; fine bulbs.....	\$ 2 50
“ white and light colors.....	4 00
“ yellow.....	3 50
“ pink, variegated, and striped.....	3 00
“ scarlet and crimson.....	2 00
Helianthus Multiflorus Plenus, 3-inch pots (Double Hardy Sunflower).....	8 00
Hollyhocks, assorted choice kinds, blooming plants, one year roots from frame....	10 00
Heliotrope.....	4 00
Ivy, German.....	4 00
Lobelia Compacta, for massing.....	4 00
“ Gracilis, trailing variety, for baskets.....	4 00
Lilium Auratum, strong bulbs.....	12 00
“ Roseum, “.....	12 00
“ Praecox, “.....	20 00
“ Candidum, “ should be ordered very early in spring, or in July and August.....	8 00
“ Elegans, strong bulbs.....	10 00
“ Harrisii (ready in August) extra-size bulbs.....	10 00
“ “ “ “ double extra large bulbs.....	15 00
“ “ “ “ mammoth size.....	20 00
Lily of the Valley, strong pips, first-class.....	2 50
Lantanas, assorted varieties.....	6 00
Moon Flowers.....	6 00
Nasturtiums, Tom Thumb, strong plants, 3½-inch pots.....	10 00
Pansies, extra strong selected plants.....	4 00
“ strong young plants.....	2 50
Petunias, Fancy Hybrid.....	4 00
Phlox, hardy kinds, assorted, the best varieties in cultivation.....	8 00
Pinks, Summer Garden varieties.....	4 00
Roses, Monthly, best bedding sorts, 2½-inch pots, assorted.....	8 00
“ “ “ “ 3½-inch pots, assorted.....	15 00
ROSES FOR WINTER FLOWERING.	
La France, Perle des Jardines, Niphetos, Bride, Bon Silene, Catharine Mermet, Md. de Watteville, in 2½-inch pots....	8 00
The above varieties ready in June, in 3½- inch pots, at.....	15 00
Do., do., in 5-inch pots, at.....	20 00
American Beauty, in 2½-inch pots.....	18 00
“ “ in 3½-inch pots, ready in June.....	25 00
“ “ in 5-in. pots, in June.....	35 00
Souvenir de Wooton, in 2½-inch pots....	18 00
“ “ in 3½-inch pots.....	25 00
Hardy. Hybrid, Perpetual, assorted, strong, 6 to 7½ inch pot-grown plants, 2 years old.....	40 00
Salvia Splendens.....	4 00
Tuberose, Pearl, first quality bulbs.....	3 00
Tradescantia, assorted.....	4 00
Vineas, trailing, assorted, for baskets, strong plants in 3½-inch pots, fine tops....	12 00
Violet, Marie Louise.....	4 00
Verbenas, assorted, mixed colors.....	4 00
“ in 12 best named sorts.....	5 00

A SPECIAL OFFER.

FOR \$3.00 ONLY we will select and pack, and deliver to express company, fifty choice assorted plants suitable for a small flower-garden; **FOR \$5.00 ONLY** we will send one hundred choice plants, that will make a fine display all summer. By forming a club two five-dollar collections can be had for only \$8.00. We cannot send by mail at this low rate—by express only—and plants of our own selection; this is a wonderfully liberal offer, as the collections are very fine. For a general selection for the flower-garden they will give perfect satisfaction; try them.



SEEDS.

OUR aim is to offer only the very best varieties of seeds known; well tested and superior sorts that will be satisfactory to the buyer, and so become a standing advertisement for us. And our success in so doing is attested by our many friends all over the Union. Fair dealing, a superior article, at as low a price as is consistent with our high standard of quality, is ever held in view. Last season we made thousands of new customers, and the many flattering testimonials we received were appreciated. The marked increase in our business every year is the best evidence we have that our seeds and methods of doing business please those who deal with us. We do everything in our power to ensure success, and if good cultivation is given, and attention paid to the plain and simple directions in this catalogue, failure can hardly result. Everything sold is tested by actual experiment, and we know what we are selling, and that our seeds are of the very best quality and unsurpassed in any respect; but we wish it distinctly understood that, while we exercise the greatest care to have all seeds pure and reliable, we sell no seeds with warranty, express or implied in any respect, and will not be in any way responsible for the crop, as we cannot hold ourselves liable for the many causes which sometimes operate unfavorably in growth of seeds, and over which the most have no control, and guarantee would have as much our own interest to furnish the best seed, depending upon it, and to be as successful as past. We do not offer as an extensive list as some seedsmen, because many of the varieties that are catalogued to swell long lists are obsolete, and have almost passed out of use altogether.



the germination or the maturity of the crop, experienced cultivators upon which any such to rest. It is manifestly est, as our customers', our business success we hope in the future we have been in the

We think that the public generally (as our customers now do) will appreciate our plan in that we offer only well-tested varieties, the best of each in their respective classes. Many large catalogues contain so many varieties as to be actually confusing to the professional gardener, and many of them are of little practical value.

Please send us your orders for seeds as soon after Catalogue is received, as is possible, instead of waiting until the time to sow. As the seed season continues only for a few months, there is of course a great press of business just at the sowing season, and it would facilitate our work and ensure greater attention if our customers would send us their orders early in the season.

We forward every order to its destination promptly, and it will save your time, and ours also, in filling them, to write orders plainly, using our order sheet, which you will find enclosed for that purpose.

SEEDS BY MAIL.—We will mail all seeds in packets and ounces, at Catalogue prices, free to any Post Office. When Peas, Beans and Corn, by the quart or upwards, and Seeds at one pound rates are ordered by mail, add 10 cents extra per quart for Corn, and 15 cents extra per quart for Peas and Beans, and 8 cents extra per pound for postage.

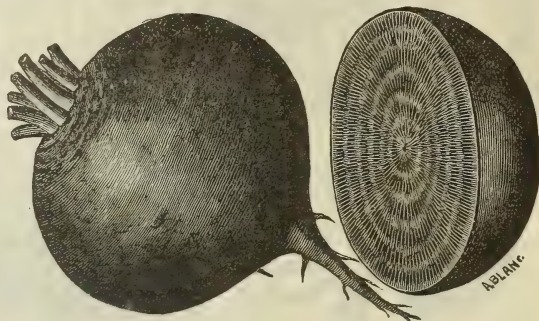
SEEDS BY EXPRESS.—Except to very distant points, when seeds are ordered in quantity larger than packets and ounces, the best and cheapest means of shipment is by express.

BEFORE ORDERING PLEASE READ "SUGGESTIONS TO CUSTOMERS," ON INSIDE PAGE OF COVER.

CHOICE SELECTIONS IN VEGETABLE SEEDS.

SPECIALTIES:

Some Superlatively Good Things.



NEW EARLY BEET "ECLIPSE."

A new Beet, which we advise all our customers to grow; and as it is much better in every way, will supersede the Egyptian, which has heretofore been considered the very best early Beet in cultivation. The Eclipse is as early as the Egyptian, but larger, smoother, much sweeter, with a small, firm top—globe shaped. We cannot recommend this fine beet too highly; the demand for it in the past has far exceeded the supply.

Per packet, 5c; per oz., 10c; per $\frac{1}{4}$ lb., 25c; per lb., 75c.

CLEVELAND'S IMPROVED EARLY VALENTINE BUSH BEAN.

This is an improvement, both in earliness and productiveness, upon the well-known and favorite "Valentine." It is from ten days to two weeks earlier and much more prolific; pods round, unusually thick and fleshy; crisp, tender and of the finest quality having that peculiar flavor so justly esteemed by many.

Price 25 cents per quart.

CRYSTAL WHITE WAX BUSH BEAN.

A very distinct white seeded variety, with waxy transparent pods. It is stringless, succulent, crisp, tender, and of the richest flavor. The pods, though quick to develop, are remarkably slow to harden, and therefore retain their tenderness on the bush longer than any other sort.

Price 30 cents per quart.

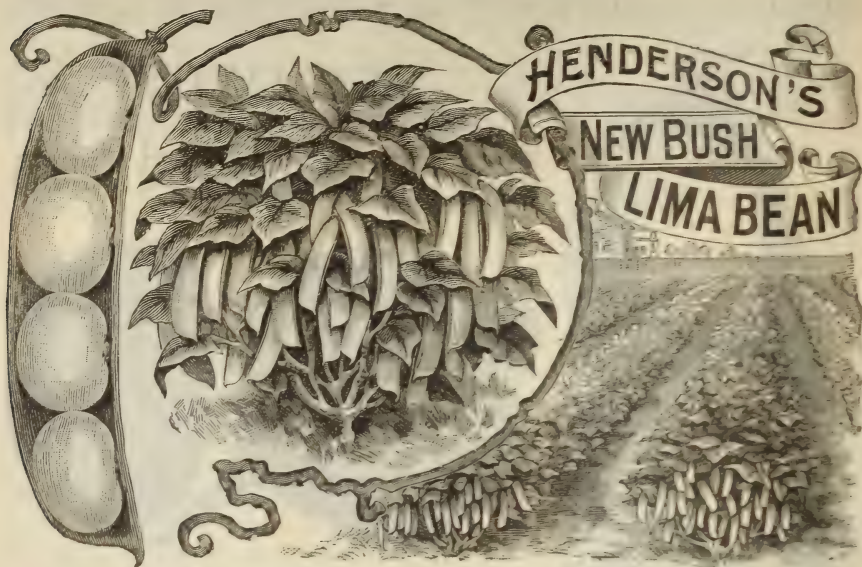
KING OF THE GARDEN LIMA BEAN.

This is very much larger than the regular "Large White Lima," having pods 6 to 8 inches long, with 5 to 6 large beans in a pod. The pods are very plump and well filled out. It is full as early or earlier than any other Lima Bean, our tests showing it to be fully as early as the Jersey Extra Early Lima, while the pods are much larger. It is a first-class variety, and a great improvement in this popular vegetable.

Price 10 cents per pkt., or 45 cents per quart.

If to be sent by mail, add 15 cents extra per quart for postage.

Please send your orders to us as soon after Catalogue is received as you can; the planting season lasts but a few weeks, and there is always a rush at the last; we can give orders more attention early than when rushed, as we are later.



Copyright, 1888, By Peter Henderson & Co.

HENDERSON'S NEW BUSH LIMA BEAN.

THE EARLIEST OF ALL LIMA BEANS, AND
THE HEAVIEST CROPPER.

This wonderful innovation created a greater furore last season than any vegetable novelty that has ever been offered. Those who never had a garden before were induced to plant Henderson's Bush Lima, because it enabled them to have the most delicious of all vegetables without the trouble and expense of the unsightly poles. We received hundreds of flattering letters from every State, telling of its wonderful success. A single plant of Henderson's Bush Lima grown last season had two hundred and seventy pods on it at one time, which, when shelled, produced one pint of dry beans. One great advantage of Henderson's Bush Lima is the fact that it will produce more quarts of shelled beans to a bushel of pods than any of the pole Limas.

Henderson's New Bush Lima grows without the aid of stakes or poles, in compact bush form, about 18 inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush beans. Henderson's New Bush Lima is at least two weeks earlier than any of the climbing Limas. This fact alone would stamp it as the most valuable novelty of recent years, but when, in addition to this, we realize that it is a true Bush Bean, requiring no supports, some idea of its great value can be obtained.

Henderson's New Bush Lima produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York by the middle of July) until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable through the season. The beans are of the size of the Sieva or Small Lima, and of delicious quality.

25 cents per pkt. (of about 50 beans).

75 " " ¼ pint.

\$1.00 per pint.

\$1.50 " quart.

If to be sent by mail, add 15 cents per quart to pay postage.

Enclosed you will find P. O. order to balance account. The bulbs were the nicest I ever saw, in fact all the goods I have received of you are A. No. 1.

ED. SNOW, Boonville, N. Y., Dec. 3, 1889.

BURWELL'S EXTRA FLAT DUTCH CABBAGE.

The best strain of Premium Flat Dutch in cultivation. For fall and winter this favorite variety has no superior; heads large, very deep, nearly round; flat on top, with a reddish or purplish color on outer leaves. My seed stock is saved with the greatest care to have every head solid, medium size, deep, flat on top, with leaves mixed with purplish red..... 10 40 4 00



Burwell's Extra Flat Dutch.

SUCCESSION CABBAGE

This Cabbage ranks among the first as a mid-summer Cabbage, either for private or market use, and is about one week later than the Early Summer, for which it is an exceedingly valuable sort; also equally desirable for winter use.

The heads are very large and solid. Its good keeping qualities and a sure header make it valuable to all growers of cabbage.

10c. per pkt.; 60c. per oz.

ALL SEASONS CABBAGE

A new variety that is becoming quite popular. The heads are of large size, round, flattened at the top, and are ready to market nearly as early as Early Summer, while they are hard and solid, and keep well for winter cabbage.

Price per pkt., 10c.; per oz., 30c.

EDMANDS'S EARLY TURNIP BEET.

This selected strain is very uniform and even in type; the flesh is deep blood red in color and exceedingly sweet and tender in quality. It is round and smooth in shape and of good market size. It grows a small top and but a single tap-root, which fact commends itself to the gardeners' attention who grow beets for bunching purposes. It is very early, and for market gardeners' use is justly popular, and much called for wherever it has been sold. Scarcely any variety in cultivation can equal it for table use.

Price per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 25c.; per lb., 75c.

WHITE VELVET OKRA.

The most desirable of all Okras. The pods are large, round, and smooth, ivory white with a velvety texture, and not prickly like other sorts.

The large ivory white pods, which are produced in abundant quantities, make the plant very ornamental when in a growing state.

Price per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 25c.; per lb., 75c.

PERRY'S HYBRID CORN.

A fine large early sweet corn. Ears of same were ready for use a few days later than the Early Marblehead and before the Minnesota, but of double the size of either of these varieties, the ears being twelve-rowed, and sometimes fourteen. The kernels are large and tender, and deliciously sweet; stalks of great vigor, growing about six feet high, with two perfect ears to a stalk.

Price per quart., 25c.; \$1.25 per peck.



White Velvet Okra.

Plants received are more than satisfactory in every way. I think I never had so fine a collection for the money. Thanks for promptness.

Mrs. L. BALCH, Albany, N. Y., Nov. 12, 1889.

DELICIOUS SWEET CORN.

The Best 3 Sorts for Early, Medium and Late Planting.

THE CORY.

The Best EXTRA EARLY CORN.—For market purposes, and where an extra early corn is desirable, this will be found of great value, as it is from a week to 10 days earlier than *Marblehead*; the ears are as large or larger, and it is also much sweeter and of finer quality. *Marblehead* has up to this time been the most profitable sort, but this will be sure to supersede it. This variety, while unusually profitable and of unusually good quality for an extra early corn is not of as good quality as our *Eureka*, and when sown for family use, enough only should be planted to advance the season, until "*Eureka*" is fit for table, when this will no longer be wanted.

10 cents per package; 20 cents per quart.



PIERSON'S EUREKA EARLY SUGAR CORN.

The Best and Earliest Large Eared Corn.—Coming in second early, shortly after *Cory* or *Marblehead*, with ears fully as large as the *Evergreen* (the standard as regards size). Very productive, and extremely sweet and rich. The most profitable for market to follow *Cory* or *Marblehead*, and the most delicious for the table. It will be found very superior, from its delicious sweetness, its large-sized ears coupled with its extreme earliness, its moderate growth of stalk for so large a corn, and its productiveness. It combines in one so many good qualities, that while it is *best* second early corn, it is equally good for successive sowings. It grows with 2 to 3 ears to the stalk, and is sure to give satisfaction.

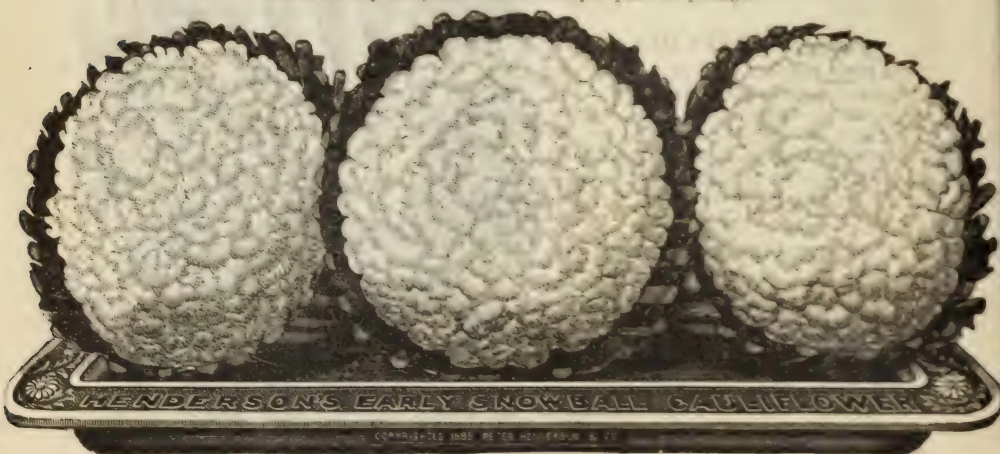
Per quart, 25c; per peck, \$1.25.

POTTER'S EXCELSIOR, OR QUANTUM SUGAR CORN.

The Sweetest Corn for Main Crop. Sweet as Sugar.—This is the most delicious sweet corn there is, and we cannot recommend it too highly. It is remarkably sweet, sugary, and peculiarly succulent and tender. It ripens medium early, soon after *Moore's Concord*, has large twelve rowed ears and deep grains. Its high quality and productiveness will make it very popular. Often produces 4 to 5 ears to the stalk.

10 cents per package; per quart, 20 cents; per peck, \$1.00.

If to be sent by mail, add 10 cents extra per quart for postage.



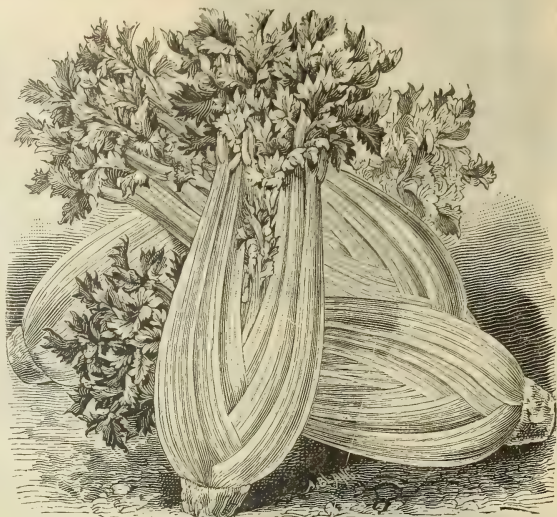
HENDERSON'S EARLY SNOWBALL CAULIFLOWER.

This celebrated Cauliflower we consider the very best variety, either for very early or late use. It is almost sure to head, as it grows very quick, being the earliest sort known. The heads are compact and of snowy whiteness. Our seed is genuine, being procured from the introducers. We recommend this variety above all others. Price 25 cents per Pkt.

GOOD SEEDS ARE THE VERY FIRST REQUISITE FOR A GOOD GARDEN.

GOLDEN SELF-BLANCHING CELERY.

This most valuable variety, of recent introduction, which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high banking up as the ordinary sorts, simply requires a slight earthing up or "handing" to be fit for the table. The plant is of very handsome appearance and very close habit and compact growth. Perfectly solid, crisp, brittle, delicious, and in flavor unsurpassed by any variety. It is an excellent keeper, and therefore every grower of celery should plant at least a part of his stock with this variety. Per pkt., 10c.; per oz., 50c.



Golden Self-Blanching Celery.

HALF-DWARF CELERY.

This is the best and most profitable variety grown for the main crop for winter, either for home use or for market. It forms strong, stout stalks of medium height, very solid, crisp, and tender, with a rich, nutty flavor, on account of its compact growth it is much easier blanched, and is better than either the Dwarf or Giant sorts. Price 5 cents per packet; 20 cents per oz.

NEW "WHITE PLUME" CELERY.

THE BEST BY FAR FOR EARLY USE.



COPYRIGHT 1888.

The peculiarity of this Celery is that *naturally* its stalk and portions of its inner leaves and heart are white, so that, by closing the stalks, either by tying them up or by simply drawing the soil up against the plant and pressing it together with the hands, to hold the stalks in an upright position, the work of blanching is completed; while it is well known that in all other kinds of Celery, in addition to this, the slow and troublesome process of high "banking" with the spade is a necessity in order to bleach it.

Its eating qualities are equal to the very best of the older sorts, being *crisp and solid*.

The American Institute awarded it the "medal of superiority"—the highest possible premium they could grant. They say: "They regard this Celery as the most remarkable and valuable garden vegetable that has been introduced in many years." To render the common Celery edible and fit for the table, we have to incur a great deal of labor and expense in "earthing up," or "banking," which is unnecessary in the case of the White Plume. With this trenches and "earthing up" are dispensed with. The plants are set out on the flat surface, and Nature kindly steps in and does the blanching herself; and does it, too, better than it has ever been done by "earthing up." The blanching is perfect, the stalks are solid and crisp, the flavor is excellent, and more of the plant is edible than is common to the varieties usually grown.

Our illustration shows a bunch of four, the usual way in which Celery is put up for the New York markets. Price 10 cents per packet; 40 cents per oz.

NICHOLS'S MEDIUM GREEN CUCUMBER.

This new Cucumber was originated by Mr. Nichols, an extensive grower for market, near Columbus, O. The name, "Medium Green," is descriptive of the size, it being longer than the White Spine, but not so long as the Long Green. The cucumbers are very thick through—considerably thicker than the White Spine—and are full at both ends. The skin is light green in color and very smooth. The vines are vigorous in growth and exceedingly productive. For early forcing, for summer use, or for pickling, it will be found to be equally desirable. The most valuable sort introduced in a great many years. Per pkt., 5c. Per oz., 10c. One-quarter lb., 25c.

OUR SEEDS ARE TESTED SEEDS, OF THE VERY BEST QUALITY OBTAINABLE.



HENDERSON'S NEW YORK LETTUCE.

This is the very best variety for summer use, as it forms fine, large, solid heads with creamy white centers, very tender and of delicious flavor. The past season in our trial grounds this variety formed heads weighing as much as four pounds each, and so tender and brittle, even in the hottest summer weather, that they had to be handled with great care in cutting, to keep them from falling apart from their own weight. It is *never bitter* and keeps in perfect condition longer than any other summer head Lettuce, running to seed very slowly. It attracted great attention from its pre-eminent superiority, and wherever fine head Lettuce is appreciated, cannot fail to give satisfaction.

5c per pkt. 20c per oz.

BLACK SEEDED SIMPSON LETTUCE.

We consider this Black-Seeded Simpson to be one of the most desirable acquisitions that has been made to our list of Lettuces within ten years. It has now been thoroughly tested, and from every side we hear the most satisfactory reports in regard to it. Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves; but differs in being very much lighter colored, the leaves being almost white; stands the summer heat excellently; and attains a size nearly double that of Curled Simpson.

Price, 5c per package. 20c per oz.



Kolb Gem Watermelon

KOLB GEM WATERMELON

The Kolb Gem Melon is rapidly growing in favor. To show the great popularity of it where best known, a correspondent writes from Monticello, Fla., the neighborhood from whence it was first introduced: "Last season, in Brooks County, Ga., our adjoining county on the north, there was planted 2,500 acres in melons for Northern markets, of which eleven acres only were planted in Kolb Gem. This season out of the same acreage, all but 100 acres are in Kolb Gem." It is considered by far the best shipping variety ever introduced.

Per packet, 5c.; per oz., 10c.; $\frac{1}{4}$ lb. 25c.

MAMMOTH IRON-CLAD WATERMELON.

A variety of great excellence, of large size and weight, the melons averaging nearly 50 lbs. each. The flesh is deep red and of a delicious rich flavor, holding its fine quality very close to the skin. In outside appearance it is somewhat like the Gypsy, but there the resemblance ends. Called Iron Clad because they stand rough usage so well without injury, making it a fine shipping variety. Ripens about with Cuban Queen.

Per packet, 5c.; per oz., 10c.; $\frac{1}{4}$ lb. 25c.

THREE SPLENDID MUSK-MELONS.

MONTREAL MARKET MUSK-MELON.

The celebrated Melon of the Montreal markets, often growing 20 lbs. in weight. To all who desire to raise the handsomest possible melons for exhibition, or extra fine melons for market, we recommend the Montreal Improved Nutmeg. The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of delicious flavor.

Per packet, 5c.; 10c. per oz.; $\frac{1}{4}$ lb. 30c.

GOLDEN NETTED GEM MUSK MELON

Almost as round as a cannon ball, and as solid; *extra early*, a very heavy cropper, the most profitable small melon that can be raised; remarkably uniform in size, about $1\frac{1}{4}$ lbs. in weight, thick flesh, light green in color, of delicious flavor.

Per packet, 5c.; per oz., 10c.; $\frac{1}{4}$ lb. 30c.



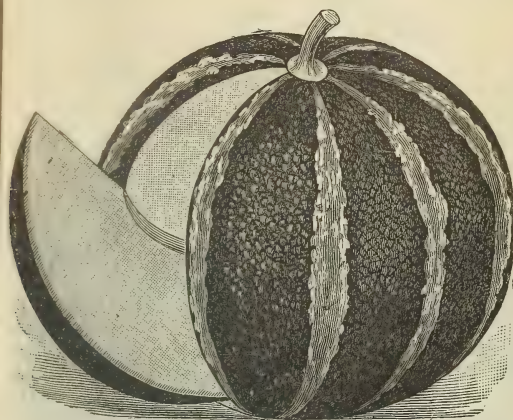
SURPRISE MUSK-MELON.

Not new this season, but so unusually good that it warrants us in keeping it before our customers.

An early sort, of delicious flavor and exceedingly productive, with a thin cream-colored skin and thick salmon-colored flesh.

Per packet, 5c.; per oz., 10c.; $\frac{1}{4}$ lb. 30c.

SOME DELICIOUS NEW MELONS.



Musk Melon, "Emerald Gem."

Price, per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

THE EMERALD GEM MUSK MELON.

All who have grown this, unite in pronouncing it unequalled in rich, delicious flavor. The melons are about the size of our Golden Netted Gem; but, unlike that variety, the skin, while ribbed, is smooth and of a very deep emerald-green color. The flesh, which is thicker than in any other melon of its size, is of a suffused salmon color, and ripens thoroughly to the extremely thin green rind; it is peculiarly crystalline in appearance. The flavor is sweet and luscious beyond description; of all the varieties grown in our trial grounds, this was altogether unapproached in delicious flavor. An enthusiastic lover of fine melons, when asked for his opinion of its quality, said it was "the most delicious melon mortal ever tasted; every particle of it being delicious down to the very rind, and its flavor simply incomparable." The vines are hardy and thrifty in growth, very prolific, bearing the melons near the root; the melons mature extremely early, and are uniformly of the most superlative quality.

THE OSAGE MUSK MELON.

This new melon comes very highly recommended to us from the West, and we advise all our customers to try it.

Nothing of recent introduction in the fruit or vegetable line has caused such a stir in the West as this new melon; and although quite a number of melon growers planted their entire acreage in the Osage melon last season and had a large yield, the demand was so great that the commission men were unable to get enough for their trade.

This certainly is recommendation enough for all practical purposes, and puts the melon in a position second to none as a paying market variety, and nothing further is needed to prove that it is also at the top for the family garden.

Grown in the vicinity of Benton Harbor, Mich., for the past two seasons, and shipped to the Chicago market, it at first found slow sale, but a trial convinced dealers of its superior quality, and it soon brought double the price of any other variety.

The melon is much larger than the Emerald Gem, egg-shaped, and averages from 6 to 9 pounds each. The skin is very thin, of dark green color, and slightly netted. The flesh is of a salmon-color, re-

markably sweet, and of a luscious spicy flavor, extremely thick, sweet, and delicious to the rind. The seed cavity is remarkably small.

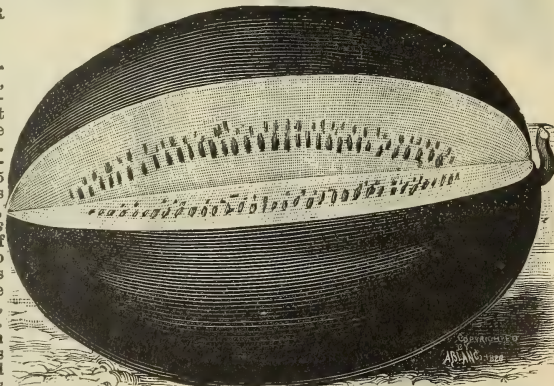
The stock is very true, and seems to always produce uniform melons, of good quality, and is very productive. It is a remarkable keeper, and will stand shipping better than any melon we ever saw.

Price per pkt., 10c.; 20c. per oz.

EXTRA EARLY IMPROVED HACKENSACK.

By careful selection and improvement, carried on for some years, this strain has been so developed that it produces melons with all the good qualities of the well-known Hackensack Melon, but at least ten days earlier. A melon grower, near Albany, N. Y., states that with him the New Early Hackensack was at least two weeks earlier than the old Hackensack, and that, with from thirty-five to forty melons in a barrel, he had no difficulty in selling his crop in the Albany markets for \$5.00 a barrel. The melons weigh from four to ten pounds each, heavily netted, and have light green flesh of delicious flavor.

Price, per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb. 30c.



Price 5c pkt.; 10c oz.; 5c $\frac{1}{4}$ lb.

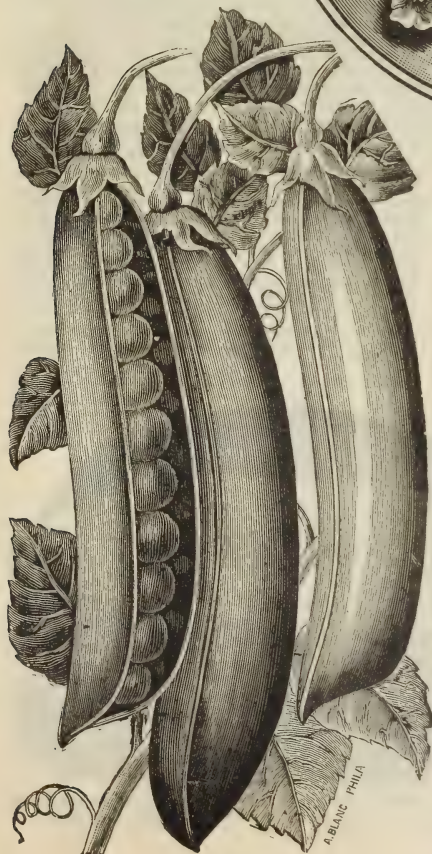
GREEN AND GOLD WATER MELON.

This beautiful variety, the most distinct and novel melon ever introduced, as well as of the most delicious quality, has stepped into public favor at once. Its brilliant golden-orange color is its distinctive characteristic. It is the largest early variety in cultivation, melons ranging from 25 to 45 pounds, and its productiveness is equal to any of the red-fleshed sorts, while in delicious flavor it surpasses them all. The rind is the thinnest of any melon, the white being only $\frac{3}{4}$ to $\frac{1}{2}$ an inch in thickness. The flesh is a beautiful golden orange color, free from any tinge of white or other color, even immediately around the seeds. The flesh is beautifully granular in appearance, juicy and sweet, and, as we have already stated, of unequalled flavor. Coupled with the delicious flavor of the Green and Gold Watermelon, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the other sorts.

CLEVELAND'S ALASKA PEA.

This is the most desirable extra early Pea ever offered. It is a few days earlier than any other of the extra early varieties, but its principal recommendation is its great productiveness, outyielding by far any of the "extra earlies." We predict for it a great future; it should be grown by everyone for the first crop. It is entirely distinct, of very superior quality, the seed is green, not white, as with other extra early sorts, and for this reason retains that rich green color when cooked, which is so desirable. It is also particularly valuable as a market garden pea, as it can be carried long distances and kept longer without losing color; which quality, combined with its extra earliness and uniformity of ripening, make it the most profitable for the market gardener.

Price, 15c per pint; 25c per quart; per peck, \$1.50.



"STRATAGEM."

STRATAGEM PEA.

We have grown this remarkable variety now for two seasons, and consider it by far the best intermediate or late sort, both as regards quality and productiveness. Vines very strong and vigorous, growing to a height of $2\frac{1}{4}$ to 3 feet, often twenty pods to a vine; an enormous cropper. It is the most prolific of all, with the largest pods. Many of the pods measure nearly $5\frac{1}{2}$ inches in length, and contain as high as ten large, fine flavored wrinkled peas, and the pods are always well filled. In table quality none can surpass it. It is the best English wrinkled marrow Pea introduced in many years, and far surpasses Champion of England or any other late Pea.

35c, per qt; \$2.25 per peck.

BLISS' AMERICAN WONDER.

The best dwarf pea, requiring no brush; one that we can strongly endorse. It is a cross between Champion of England and Little Gem; of better flavor than the Champion, and of greater productiveness than the Little Gem, besides being earlier than any other of the wrinkled varieties. This variety is justly entitled to its position at the head of the list, and stands unrivaled in point of productiveness, flavor and quality. It combines, in a remarkable degree, the superior qualities of its parents, and is without exception the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good sized and well-filled pods of the finest flavor. Although introduced several years ago, the supply has not yet equalled the demand. These seed we offer is true, and grown from the original stock. Per quart, 35c. Peck, \$2.25.

If to be sent by mail, add 15c extra per quart for postage.

BLISS' ABUNDANCE PEA.

Ripens second early, being fit for the table about one week after the earliest kinds. Plant dwarf, growing fifteen to eighteen inches high; foliage large, thick, full and dark green. Pods three to three-and-a-half inches long, roundish and well-filled, containing six to eight large wrinkled peas of excellent quality. A striking feature of this variety is its remarkable tendency for branching directly from the roots, forming a veritable bush; many plants throw out six and more branches, each of which becomes literally covered with blossoms and pods, in such abundance that the quantity produced by each branch would be considered a bountiful yield for an entire plant of many of the other varieties.



In proof of this, we need only refer to the illustration, which is a photographic representation of a single plant. 25c per quart. \$1.50 per peck.

If to be sent by mail, add 15c extra per quart to pay postage.

BECKERT'S CHARTIER RADISH.

Of American origin, possessing almost every good quality that can be desired. It is perfectly adapted for very early growth, as well as summer and fall crops. In quality it is unexcelled, being sweet and very tender, with hardly the least perceptible pungency. In color it is deep pink or crimson at the top, shading to pure white at the tip. It will attain a very large size, and remain in eating order longer than most summer sorts.

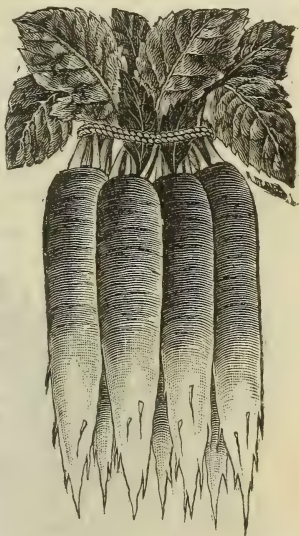
These good qualities, together with its attractive appearance, all combine to make it a most valuable acquisition for market gardeners, as well as private growers.

Per packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.

CALIFORNIA MAMMOTH WHITE WINTER RADISH.

Roots grow eight to twelve inches long and two to three inches in diameter; flesh white, solid, and of excellent flavor. This is the largest of all radishes, and has lately been sent out under a new name—*Mammoth White Russian*!

Per packet, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.

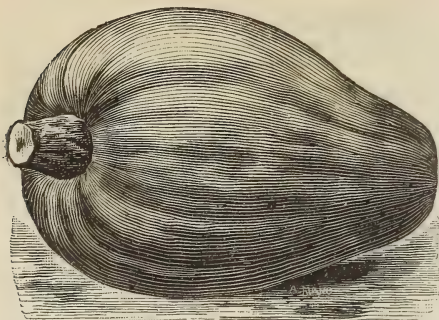


NEW LONG-STANDING EVER-GREEN SPINACH.

This will be found very superior to any other variety, especially for summer use, and meets the want of the gardener who wishes to keep up a constant supply of this popular vegetable during hot weather. It has all the good qualities of the best of the older sorts, but is especially desirable because it remains, without running to seed, much longer than any other kind.

Per package, 5c; per oz., 10c; per $\frac{1}{4}$ lb., 15c;
per lb., 40c.

Order filled with satisfaction; thanks for neat packing. I never had plants come so neatly done up as yours.
CHAS. H. HOLLOWAY, Newark, Del.



it excels all; remaining, in a good, dry cellar, perfectly sound until the last of March, constantly improving in flavor and quality to the very last. The hardness and flintiness of the shell render the Pike's Peak Squash one of the finest shippers in existence.

Price 5c per pkt.; 10c per oz.

MAMMOTH SANDWICH ISLAND SALSIFY.

Until the introduction of this improved variety from the Sandwich Islands there was in cultivation only one variety of Salsify. This *New Mammoth Salsify* grows uniformly to an extra large size, averaging fully double the size of the old variety. The roots, notwithstanding their large size, are of very superior quality and very delicate in flavor; it is such a decided improvement that we are quite sure all who once try it will use it exclusively. The Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited.

Price, per pkt., 10c; oz. 20c; per $\frac{1}{4}$ lb. 60c; per lb. \$2.00.



throughout the season; foliage dark green in color. Heavy manuring tends to increase the abundance and size of fruit instead of running the vine. It is remarkably early, ripening fruit as early as July 1. It will yield double the quantity of extra early fruit on the same amount of ground that can be obtained from any other tomato. As a cropper, it is probably unsurpassed. In form and color the fruit closely resembles the *Acme*, and is always smooth, symmetrical, and attractive in appearance, the flesh solid; ripens well close round the stem.

Price, per pkt., 10c; 6 pkts. for 50c; 40c. per oz.

THE NEW AMERICAN SQUASH, Pike's Peak (or Sibley).

In this new Squash we have a grand surprise to gardeners generally, who hitherto have believed that to eclipse the Hubbard was an absolute impossibility.

The form, accurately represented in our illustration, is obviously entirely new, having the stem at the swelled end. The seed alone, being of very peculiar shape and color, brands the Squash as entirely original and distinct. The shell is pale green in color, very hard, and flinty. The flesh is solid, thick, a vivid, brilliant orange in color, and is possessed of rare table qualities, being dry, and really wonderful for fineness of grain and the rich and delicate flavor peculiarly its own. The weight ranges from eight to eleven pounds. The vine is remarkably vigorous, and ripens its fruit simultaneously with the Hubbard. In productiveness, the *Pike's Peak* Squash has decidedly the advantage of either the Hubbard or the Marblehead. As a keeper



Mammoth Sandwich Island Salsify.

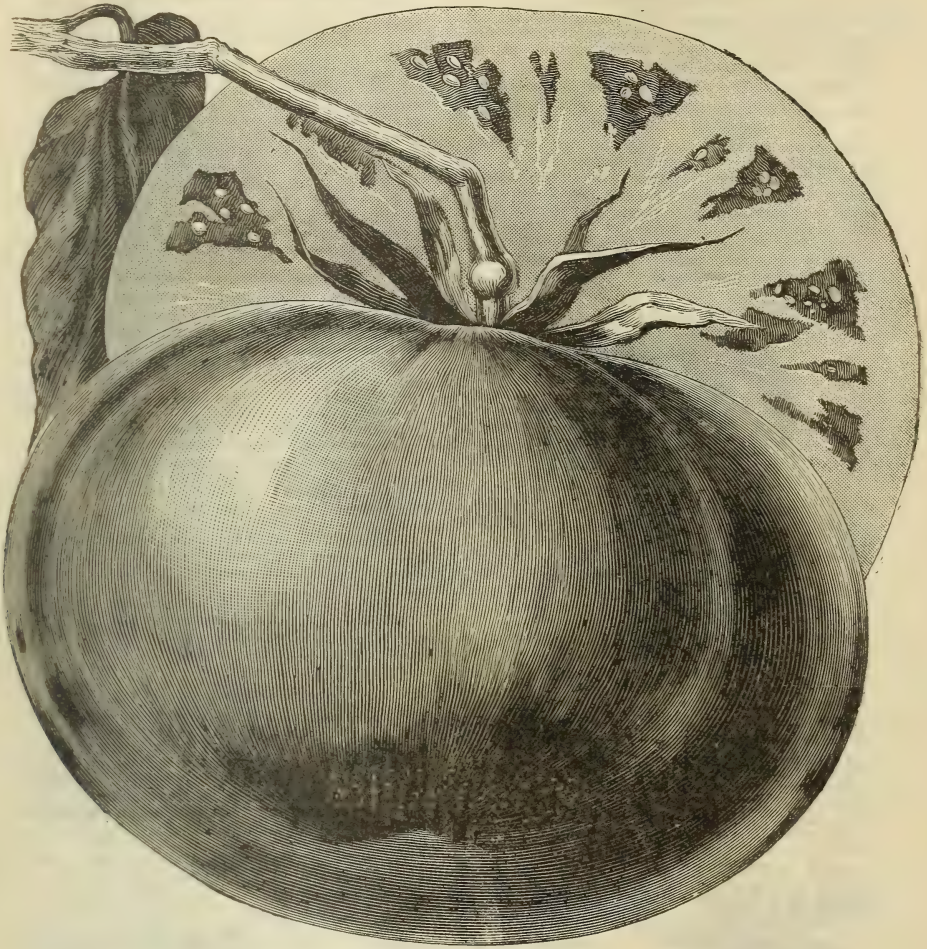
NEW DWARF CHAMPION TOMATO.

This is entirely distinct in habit of growth and foliage from any sort ever produced, and is a very valuable introduction. The vines are dwarf and compact in habit, grow stiff and upright, with thick and short-jointed stems, so much so as to scarcely need any support. The upright tree-form of the plant is well shown in the accompanying illustration. The compactness of habit is retained in all stages

ESSEX HYBRID SQUASH.

Those who have found difficulty in growing squashes should not fail to try this. It is extra early, and in consequence, a rapid grower, the squash bugs having less effect upon it than upon the slower growing sorts. They begin to set close to the root, often growing in pairs on the same vine within a foot of one another. It is by far the most productive variety we have ever seen. We think we are safe in saying that six to eight times as much weight of squashes can be grown with this variety as with any other on the same ground. The squashes average from eight to ten pounds each. The flesh is very thick, rich colored, having an extremely small cavity for seed. It is not only the richest flavored, finest grained, and sweetest of all the squash family, but is a splendid keeping squash, lasting in good condition all winter and up to June as sound and good as when first gathered. Splendid for summer, fall and winter use.

Per package, 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 25c.



THE MIKADO OR TURNER HYBRID TOMATO.

This is unquestionably the largest and most productive Tomato, and exceedingly valuable and distinct, the foliage being entirely different from the ordinary Tomato. We tested this fully the past season and find that for table use it is not equalled by any variety. They contain very few seeds, are almost solid, and the flavor is superb. It has created a sensation wherever seen the past season, as the fruit often weighs as much or more than a pound each, and of the very finest quality, ripening perfectly with not the least particle of core or hard centre. It is very early and will give unusually good satisfaction.

Price, 13c per package; 6 for 50c.

LIVINGSTON'S BEAUTY TOMATO.

Raised by Mr. Livingston, the originator of Acme and Perfection, who says that it is better than either, resembling the Acme more nearly than any other sort, ripening at about the same time. Rich glossy crimson, with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth. It ripens early and evenly, is free from all sign of rotting, and seldom cracks after a rain. It is very productive.

Per package, 10 cents.

CHOICE SELECTIONS IN VEGETABLE SEEDS. GENERAL COLLECTION.

OUR SEEDS ARE TESTED SEEDS, OF THE VERY BEST QUALITY OBTAINABLE.

ASPARAGUS.

As it takes two years to raise plants fit to set out from the seed, we offer only the roots. Prices of fine strong roots will be found under vegetable plants, page 45, also directions for making the bed.

BEANS—(Dwarf, Bush, or String.)

One quart will plant from 100 to 150 feet of drill, according to size of bean.

These are extremely sensitive to frost and cold, and should never be planted before May 1. If sown earlier, the seed is liable to rot in the ground. Sow in drills two inches deep, one inch apart in the rows, rows eighteen inches apart. Stir the soil often, but only when dry, for when handled during wet weather they will rust, greatly injuring the crop.

Add 15 cents extra per quart if to be sent by mail. Packages of all varieties at 10 cents each, free by mail.



	Per qt.	Peck.
Crystal White Wax. —For description, see specialties.....	\$0 30	\$1 75
Improved Early Valentine. —For description see specialties.....	25	1 50
Refugee, or 1,000 to 1. —Very prolific, and the best for general crops, late; good for pickling.....	23	1 25
Horticultural Dwarf. —Delicious either shelled or green; a fine shelled bean for summer use.....	23	1 25



Swiss Chard, or SPINACH BEET.—Cultivated only for its leaves, which are tender and are used as spinach. Can be cut and used the whole summer. The oftener it is cut the better it is.....

BUSH BEANS—Continued.

Per qt. Peck.

Early Mohawk. —Very early, hardy and productive; the largest and earliest bean grown.....	25	1 50
Long Yellow Six Weeks. —Very hardy and prolific.....	20	1 25
Golden Wax. —(New)—A thorough trial of this new sort has shown it to be one of the most valuable acquisitions made in late years to our Bush Beans. It is a week or ten days earlier than the "Black Wax." The pods are long, brittle and entirely stringless. As a Snap Bean, it excels all others in richness and tenderness of flavor, and is one of the best Shell Beans for winter use.....	35	2 00

BEANS—Pole or Running.

One quart will plant 150 hills.

Place a good shovelful of rich manure in each hill and mix up well. Plant six beans around each pole, eyes down, just covering the top of the bean; plant from May 15 to June 1. Hills three and four feet apart.

Per qt. Peck.

King of the Garden Lima	\$0 45	\$2 75
Large White Lima	40	2 50
Dreer's Improved Lima. —Matures early, yields largely; it is claimed, more shelled beans to the pole than the large Lima; quality very superior.....	40	2 50
Horticultural, or SPECKLED CRANBERRY. —Popular for private use, either green or shelled.....	30	1 75
Butch Case Knife. —A very productive variety and one of the earliest, sometimes used as snaps, but generally shelled.....	30	1 75
Scarlet Runner. —A favorite sort		
White Dutch Runner. —Like the preceding, but with large, white blossoms; flowers ornamental; esteemed by many as a Shell Bean.....		1 75

BRUSSELS SPROUTS.

One ounce will sow a bed of forty square feet, and produce about 3,000 plants.

One of the best vegetables for fall use, producing from the axils of the leaves an abundance of small sprouts, resembling small Cabbages, of excellent, mild flavor. By sowing in Mar, planting out in July, and treating same as Cauliflower, may be had in fine condition till December.

	Pkt.	oz.
Improved Dwarf	6c.	25c.

BEET.—(FOR TABLE.)

One ounce will sow one hundred feet of drill.

To grow good beets the ground must be very rich, as a quick rapid growth is essential. Plant, for early beets, as soon as the ground can be dug, with later sowings (about June 1) for succession and winter crops; sow in rows 12 inches apart. When the plants have made three or four leaves, thin out to 6 inches apart. The young tops then make excellent greens.

	Per pkt.	Oz.	1 lb.	Per lb.
Eclipse. —For description see specialties.....	\$0 05	\$0 10	\$0 25	\$0 75
Egyptian Turnip. —Very early; dark blood red.....	05	10	25	75
Bassano. —A standard early sort.....	05	10	20	60
Improved Blood Turnip. —The standard variety for main crop.....	05	10	20	60
Long Smooth Blood Red. —An excellent late variety.....	05	10	20	60
	05	10	20	60

BEEF.—FOR FEEDING STOCK.*From four to six pounds of seed will sow an acre.**Sow in April or May. These are all selected stock—the best varieties grown.*

Mammoth Long Red Mangel Per lb.	
Wurzel. —The best long red Mangel in cultivation; requires deep soil.....	40
Orange Globe. —A large, round, orange-colored sort, producing better crops on shallow soil than the above; is also a better keeper.....	40

Lane's Imperial White Sugar Beet. —Grows to a large size; hardier, more productive, and contains more sugar than the ordinary kind.....	Per lb.	40
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CARROTS.*One ounce will sow one hundred feet of drill. Three to four pounds will sow one acre.*

The carrot, like all other root crops, does best in light loamy or sandy soil. Fresh manure should not be applied, as it has a tendency to make forked and badly shaped roots. For early crop, sow as soon as possible, and for main crop in May or until middle of June. Plant in rows 15 inches apart, thinning out to 3 or 4 inches apart in the rows.

	Per pkt.	Oz.	½lb.	Per lb.
Early Short Horn. —Very early; small.....	5	10	30	90
Early French Forcing. —The earliest variety, valuable for forcing; root small and of fine flavor.....	5	10	35	1 00
Long Orange Improved. —The main variety for garden or farm culture.....	5	10	25	75
Danvers (New). —A variety of great promise, of a rich shade of orange, growing very smooth and handsome. It is claimed that this will yield the greatest bulk with the smallest length of root of any now grown. Under the best cultivation it has yielded 25 to 30 tons per acre. (See Cut.).....	5	10	25	75

CABBAGE.*One ounce will sow a bed of forty square feet, and produce about 3,000 plants.*

Early.—Sow in hot-bed middle of February, giving plenty of air to harden off the young plants before transplanting. Plant them out early in April, in good rich soil, 18 inches by 2 feet apart, setting them down to the first leaf, no matter how long the stems are. Keep the ground well stirred between the plants.

Late.—Sow in early part of May, and set out in June and July, 2 feet by 3 feet. If troubled by black cabbage fly, dust with "slug shot." Green cabbage worms will have to be picked off by hand if troublesome.

Henderson's Early Summer.—Unsurpassed for a summer cabbage; ready for use about a week or ten days later than the very earliest, but makes much larger and finer heads; best for family use, as the heads do not burst open if not cut as soon as matured; for general markets is the most profitable, as it is twice the size of Jersey Wakefield; belongs to the Flat Dutch class with large flat heads.

Per pkt., 10c., oz., 30c., ½lb., \$1.00, Per lb., \$3.00.

	Per pkt.	Oz.	½lb.	Per lb.
Early Jersey Wakefield. —Very early; a standard variety.....	10	30	1 00	\$3 00
Succession. —For description, see specialties.....	10	60	2 00	6 00
All Seasons. —For description, see specialties.....	10	30	1 00	3 50
Early Winningstadt. —A sure and reliable heading sort; one of the largest of the earlier varieties, lasting well into the summer; for sandy soils, where cabbage is generally a failure, this will succeed; large conical heads.....	5	20	50	1 50
Fotter's Brunswick. —This is the earliest and the best of the large, hardheading Drumheads, and is most excellent for second early or summer, and is also admirably adapted for fall or winter. Heads often weigh from 20 to 30 lbs. each; very hard and firm, with few outer leaves; ripens in 85 days and quality very fine.....	5	20	60	2 00
LATE. — Large Late Drumhead. —Grows to a large size; head round, compact.....	5	20	60	2 00
Burwell's Extra Selected Flat Dutch. —For description, see specialties.....	10	40	1 25	4 00
Premium Flat Dutch. —A popular and the best variety of superior quality for fall and winter use.....	5	20	60	2 00
Improved American Drumhead Savoy. —Of excellent quality....	5	25	75	2 25
Early Blood Red Erfurt. —For pickling.....	5	25	75	2 25

CAULIFLOWER.*One ounce will sow a bed of forty square feet and produce about 3,000 plants.*

Cauliflower is sown, both for early and late, at the same time cabbage is. Unless it is planted very early, it had better be delayed till late, for if the heads do not mature before excessive hot weather arrives, they break and run up. When very early they will produce a fair crop, but never so good as that raised in autumn, when cooler. Set the young plants for fall crop in June or July; keep soil well stirred until they begin to head, then mulch thoroughly, and, if dry, water thoroughly once or twice—a painful to each plant being none too much. Plant on as moist a soil as possible.

	Per Pkt.	Oz.
Henderson's Early Snowball. —For description see specialties.....	25	\$4 00
Extra Early Dwarf Erfurt. —A fine early variety.....	20	2 50
Half Early Paris, or Nonpareil. —Late for fall use.....	10	75
Lenormand's Short-Stemmed. —A large late sort; well formed heads; superior..	10	75

CRESS OR PEPPER GRASS.*One ounce will sow 16 square feet.*

Sow thickly in rows in early spring, and cut tops as soon as large enough. Used as salad. Sow at short intervals for succession, as it soon runs to seed.

	Per pkt.	Oz.	½lb.	Per lb.
Extra Curled	5	10	15	50

CRESS (WATER).*One ounce will sow 100 square feet.*

Should be sown along the margins of running water, where it will not be washed away. A little sown will afterwards stock a stream, as it rapidly spreads, and will take care of itself. Very profitable, as it always brings a good price.....

	10	40	1 00
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CELERY.

One ounce will sow a bed of nine square yards, and produce about 3,000 plants.

Sow in open ground as early in April as possible, and keep free from weeds. Transplant once, before planting, to make stocky plants. But with these, as with some other things, when a few plants are wanted, most every one will find it cheaper to buy plants all ready for transplanting in July. The ground where Celery is to be grown requires to be rich; but if ground was heavily manured in spring, will need nothing more. Plant in rows, on level ground, four feet apart; plants six inches apart. Keep free from weeds till September, when the plants should be brought into an upright position. This is done by gathering the stalks up together in the hand, and drawing the soil up close to the plant, being careful to keep the soil from the centre. The banking up process is begun about October 1st, and continued as necessary, from time to time, till about November 1st, when the earth should be to the top of the plants. Celery can be left in the ground till about November 15—the longer the better—providing it does not freeze up. It can be kept for a small family, probably better than any other way, in boxes placed in an upright position, first a layer of sand and a layer of Celery, and so on till the box is full, only the tops remaining out. Keep as cool as possible, just above the freezing point—no warmer; if it is, it will rot—no colder. On a larger scale it can be placed in trenches as deep as the Celery is high, 12 inches wide, the Celery placed as close together as it can be put, standing it upright, covering it as cold weather comes on, with straw, etc., increasing it as it grows colder.



HALF DWARF CELERY.

CELERY.

	Per Pkt.	Or.	1/2 lb.
White Plume. —For description, see Specialties...	10	60	\$1 25
Sandringham. —Dwarf, white.....	5	20	60
Half Dwarf. —For description, see Specialties.....	5	20	60
Golden Dwarf, New —In size and habit much the same as the Half Dwarf kind, except the heart, which is large, full and golden yellow. Entirely solid, of excellent flavor, and one of the best keepers during winter we have ever known.....	5	20	60
Boston Market. —Excellent.....	5	20	60
Giant White Solid. —The largest and best of the tall-growing sorts.....	5	20	60
London Red. —A splendid kind; stalks tinged with red, rendering it very ornamental.....	5	20	60
Celeriac, or Turnip-Rooted Celery. —A variety of Celery having turnip shaped roots, which may be cooked and sliced, and used with vinegar. Does not require banking-up, can be planted in rows 12 inches apart.....	5	20	60

SWEET CORN.

One quart will plant 200 hills. One peck will plant one acre in hills. Three bushels will sow one acre broadcast for soiling, or half that quantity in drills.

Plant in hills. Early Dwarf sorts three feet apart each way; later and taller kinds four feet apart each way, 5 or 6 stalks to a hill. First plantings can be put in about May 15, and additional sowings of later kinds till July 1. For last sowing, plant early kinds not later than last of July.

Add 30 cents per quart extra if to be sent by mail. Packets of all varieties at ten cents each, free by mail.

The Cory.—Extra early; new; the very earliest; 7 to 10 days earlier than Marblehead. 20 cents per quart; \$1.00 per peck.

Extra Early Marblehead.—The very earliest corn grown, with the exception of the "Cory." Tested alongside Tom Thumb, Minnesota, Narragansett and Dolly Dutton, it proves to be over one week earlier; it is ready for use and marketable and the crop gone before these sorts are ready. The stalk is dwarf in its habit of growth, bearing its ear very low down; very productive, giving 2 to 4 ears to a stalk, which are of very large size for an early corn, and very sweet. 20 cents per quart; \$1.00 per peck.



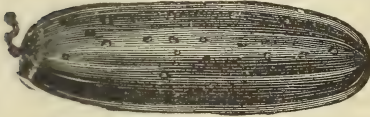
SWEET CORN.

SWEET CORN.—(Continued.)

	Per qt.	Peck.
Pierson's Eureka Early Sugar. —For description, see Specialties. Extra.....	25	\$1.25
Early Minnesota. —Very early and sweet; ears of medium size.....	20	1.00
Potter's Excelsior, or Squantum Sugar. —For description, see Specialties.....	20	1.00
Egyptian, or Washington Market. —Ears of large size, sweet and rich, and so superior to the other sorts of late Sweet Corn that families using it will have no other kind as long as this variety is to be had. It is very tall and late, coming in about the time of Stowell's Evergreen, but is superior to it in every respect. Very prolific, having 2 and 3 ears to a stalk.....	20	1.00
Stowell's Evergreen. —A favorite variety.....	20	1.00
Mammoth Sugar. —Very late; immense sized ears; the largest of all; a favorite late market sort.....	20	1.00
Black Sugar, or Mexican. —A black-grained sort, but when fit for use nearly white; the sweetest and most delicious variety grown.....	20	1.00
White Pop. —For parching (in ears). Per lb., 10 cents.		

CUCUMBER.

One ounce will plant fifty hills; two pounds will plant one acre.

**IMPROVED WHITE SPINE CUCUMBER.**

Should not be planted until about the last of May, or until the weather becomes warm and settled. Plant in hills 4 feet apart, adding a shovelful of well-rotted manure to each hill, and mixing up well with the soil. If insects trouble the young plants, sprinkle "slug shot" on the plants in the morning when the dew is on, and when out of the way of insects thin out to 4 plants in a hill.

	Per pkt.	Oz.	¼ lb.	1b.
Early Cluster. —Small, growing in clusters; very early and prolific.....	5	10	25	75
Green Prolific Pickling. —The best pickling sort. Its value lying in its uniform growth, hardly ever yielding Cucumbers too large for pickling, and in its immense productiveness.....	5	10	25	75
Improved Early White Spine. —A great improvement over the ordinary "White Spine," of superior flavor and productiveness. The best sort for family use or market.....	5	10	25	75
Nichol's Medium Green. —For description, see Novelties.....	5	10	25	75
Long Green. —Long, dark green.....	5	10	25	75

ENGLISH FRAME CUCUMBERS.—(FOR FORCING.)

Marquis of Lorne variety.....	Per pkt., 25c.
and Telegraph. —Containing from 5 to 15 seeds each, according to variety.....	

ENDIVE.

One ounce will sow 60 square feet.

Used as a salad for fall and winter. For first crop sow middle of May, and for succession in June and July, transplanting to a foot apart each way in August and September. Can be blanched, which is necessary before using, by tying up leaves close together, or by placing a piece of slate or board upon them.

	Per pkt.	Oz.	¼ lb.	1b.
Green Curled. —Leaves dark green, tender and crisp.....	5	20	50	

EGG PLANT.

One ounce will produce about 1,000 plants.

Very sensitive to cold, and should not be planted too early. Sow in hot-bed in April, protecting plants from cold nights, and transplant to open ground about June 1. Should be grown in pots, as they do not readily transplant. Plant in richest possible soil, and in a sheltered position.

	Per pkt.	Oz.	¼ lb.	1b.
New York Improved. —Very large, the standard kind.....	10	50	\$1.25	
Black Pekin. —Early, very superior, smaller than the above.....	10	50	1.25	

KALE OR BORECOLE.

One ounce will sow a bed of 40 square feet and produce about 3,000 plants.

	Per pkt.	Oz.	¼ lb.	1b.
Dwarf German Greens or Sprouts (Siberian Kale).—Of all the Cabbage tribe this is the most tender and delicate. Sow in September and treat same as Spinach. Best for autumn sowing, for spring use.....	5	10	25	
Green Curled Scotch. —Not so hardy as the preceding sort, and is grown for fall use. Sow in April and transplant in June, the same as for Cabbage. Is best when touched by frost.....	5	10	30	

HERBS.

Sow thinly in spring in shallow drills, a half foot apart, and, when strong enough, transplant in rows 1 foot apart, and 9 inches between the plants. When grown, just before they come into bloom, gather on a dry day, dry thoroughly and pack

**N. Y. IMPROVED EGG PLANT.**

closely in tight tin boxes, entirely excluded from the air.
Sweet Marjoram, Summer Savory, Sage, Lavender, Thyme, Sweet Basil, Fennel and Rosemary. Per packet, 5 cents.

KOHL RABI.

One ounce will sow a drill of about two hundred feet.

Intermediate between the Cabbage and Turnip. The stem just above the surface swells into a bulb, in form not unlike a turnip, from the upper part of which the leaves are put forth. This bulb is the part used, which is cooked the same as Turnips usually are. Sow in May, in rows 12 inches apart, and thin out to 9 inches apart.

Per pkt. Oz. $\frac{1}{4}$ lb.
5 20 60

Early White Vienna.....

LEEK.

One ounce will sow one hundred feet of drill.

Sow very early in spring in rows 18 inches apart, and thin out to 6 inches apart, hoeing up soil to plants as they grow to blanch them, or sow in rows, and when 6 inches high, transplant to prepared beds, in rows 10 inches apart, and as deep as possible, in order to whiten.

Per pkt. Oz. $\frac{1}{4}$ lb.
5 15 45

Large American Flag.....

LETTUCE.

One ounce will sow one hundred square feet, or one hundred and twenty feet of drill.



BLACK-SEEDED SIMPSON LETTUCE.

The earliest sowing may be made in March, under glass, transplanting plants to garden. Further sowings may be made all during the summer, transplanting young plants a foot apart, in good, rich soil, as Lettuce should grow very quickly, to be crisp and tender. The curled kinds are best for early, and the head kinds for summer use, not running to seed quickly.

Per pkt. Oz. $\frac{1}{4}$ lb.

Early Curled Simpson.—Curled..... 5 15 45

Boston Market, or White Seeded

Tennis Ball.—For forcing is the best; a good early but a poor summer variety; forms a close, hard head, with few outer leaves..... 5 20 60

Black-Seeded Simpson.—For description, see Specialties..... 5 20 60

Henderson's New York.—For description, see Novelties..... 5 20 60

Green Fringed.—Very ornamental; a very delicate and peculiar shade of green, the edges of the leaves beautifully cut and fringed; surpasses all other sorts in its handsome appearance; very tender and ornamental; very desirable for garnishing, and for table decoration..... 5 15 45

Paris White Cos.—One of the best of the upright varieties; should be tied up to blanch..... 5 15 45

Salamander.—A splendid variety, forming large-sized heads, crisp, solid tender, and white, that stand the drought and heat without injury longer than any other sort. Fine. The best sort for summer use..... 5 15 45

Hanson.—A superior Lettuce, the heads of which grow to a remarkable size, and are deliciously sweet, tender and crisp, even to the outer leaves. Entirely free from any bitter taste found in some sorts; the heads weigh from 2 to 3 lbs. trimmed, 15 to 18 inches in diameter; not recommended for forcing, but for summer cultivation cannot be excelled..... 5 15 45

The Deacon.—An excellent variety, both for early use and for summer. It forms large and very solid heads of an attractive light-green color, very crisp, tender and of first-rate quality. It is one of the very best varieties to withstand summer heat, and is very slow to run to seed—so slow, in fact, that many of the very solid heads refuse to send up any seed spikes unless cut. We are sure that our customers will be pleased with it..... 5 20 60

MARTYNIA.

One ounce will plant about two hundred hills.

The seed pods are used to some extent for Sweet Pickles, when gathered green and tender. Sow in open ground in May, and transplant two feet apart.

Martynia Proboscidea..... 10 30

MUSHROOM SPAWN.

Ten pounds will spawn about ten feet square.

Bricks, English.—Superior quality..... Per lb., 15c; 8 lbs. for \$1.00



BAY VIEW MUSK-MELON.

MELONS.—Like a rich and light soil. If not so, prepare the hills, digging in plenty of rotted manure, two feet deep. Plant in May, when weather is warm, in hills, for Musk, 6 feet apart; for Water, 10 to 12 feet apart. Thin out when they begin to grow, leaving about four of the most vigorous plants to each hill, and if fruit sets very freely, thin out when young, which will improve what is left very much, and cause them to ripen quicker.

MUSK-MELONS.

One ounce will plant about eighty hills.

Bay View.—The largest, most prolific, best flavored and finest Per pkt. Oz. $\frac{1}{4}$ lb.

Cantaloupe in cultivation; luscious and sweet and very hardy; picked green it will ripen up finely and carry safely for a long distance. Often weighs 10 to 15 lbs. 5 15 30

Green Citron..... 5 15 30

Nutmeg..... 5 15 30

Hackensack, New.—Grows to a large size, round in shape, deeply netted and ribbed, flattened at both ends, is of most delicious flavor, and wonderfully productive; resembles "Green Citron," upon which, however, it is a decided improvement. 5 15 30

Montreal Market.—For description, see Novelties..... 5 15 30

Netted Gem.—For description, see Novelties..... 5 15 30

Surprise.—For description, see Novelties..... 5 15 30

MELONS—WATER.

One ounce will plant about 20 hills.

	Per pkt.	Oz.	¼ lb.
Kolb's Gem. —(See Specialties.).....	5	10	25
Mammoth Iron Clad. —(See Specialties.).....	5	10	25
Mountain Sweet. —Dark green, large.....	5	10	25
Cuban Queen. —This is certainly the largest and finest variety ever introduced. The skin is beautifully striped, dark and light green. The vines are strong, healthy and vigorous in growth; flesh bright red, remarkably solid, peculiarly juicy, crisp and sugary, and in delicious flavor is unsurpassed. It is an excellent keeper, and although the rind is unusually thin, bears transit well.....	5	10	25
Ferry's Peerless, or Ice Cream. —The dark type. Of medium size, rind thin, and color mottled-green, flesh, bright scarlet, solid to centre, very sweet, very prolific. An excellent sort for garden cultivation.....	5	10	25
Vick's Early. —This new melon is highly prized for its extra earliness; oblong in shape, smooth, size medium, flesh bright pink, solid and sweet.....	5	10	25
Black Spanish. —Fruit of large size, almost round; skin dark green, flesh red, sweet and delicious.....	5	10	25
Orange. —So called from the peculiarity of the rind separating from the flesh when fully ripe.....	5	15	45
Icing, or Ice Rind. —Medium, pale green skin, very thin; flesh scarlet; solid, crisp and delicious.....	5	10	25
True Georgia Rattlesnake, or Improved Gipsy. —Fruit large, oblong, striped, flesh red, of fine quality.....	5	10	25
Phinney's Early. —Flesh red, of very superior quality; early and productive... ..	5	10	25
Citron. —For preserving only.....	5	10	25

MUSTARD.

One ounce will sow about 80 feet of drill.

Sown like Cress, and used for salads, successive sowings being made every week or two. To grow seed sow in April, in rows one foot apart, and thin out to three inches apart when two inches high.

White London.	Per lb., 30c,	5	10
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NASTURTIUM.

One ounce will sow about 20 feet of drill.

Sow in early spring in rows an inch deep, and by the side of a trellis or fence, or some other support to climb upon. Produce best in poor soil. The green seed pods preserved in vinegar are highly esteemed by many.

Nasturtium, Tall.	5	15	45
Nasturtium, Dwarf.	10	20	50

ONION.

One ounce will sow 100 feet of drill.

The soil can scarcely be made too rich. Hen manure well mixed with the soil producing the best results. Sow early in spring—the earlier the better—in rows 12 inches apart, thinning out the plants to three inches apart when large enough. After sowing, the earth should be firmed down close to the seed with the back of a spade. It is a good practice to observe this with all fine seeds, as it brings the soil in close contact with the seeds, and ensures their quick germination.

	Per pkt.	Oz.	¼ lb.	Per lb.
Wethersfield. —Large, red	5	20	50	\$1.50
White Portugal, or Silver Skin.	10	25	75	2.50
Yellow Globe Danvers.	5	20	50	1.50
The true Yellow Danvers				
Red Globe. —A handsome, globe-shaped onion; a very heavy cropper, does best on low land; the favorite in the New York markets, but would not advise its general cultivation more than 50 miles north of New York.....	5	20	60	2.00
Southport White Globe. —Same as the preceding, but pure silvery white; the globe onions are more prolific than the flat varieties.....	10	25	75	2.50
New Giant Rocca, of Naples. —A new Italian onion, of a very mild, delicate flavor, immense size, handsome, globular shape, and light reddish-brown skin. In this immediate vicinity Giant Rocca Onions have been grown to weigh 1½ to 1¾ lbs. each from our seed sown in the				



GIANT ROCCA ONION.

spring. However, if the largest possible size is desired, the smallest bulbs should be set out in the spring of the second season, when they continue to increase in size instead of producing seed, as is the case with American onions; splendid for the South.....

ONION SETS.—For planting for early onions in place of seed.

Per qt. Peck.

White.	25	\$1 50
Yellow.	20	1.25
Potato Onions.	20	1.25

{ Add 20 cents per quart extra if sent by mail. }

BE CAREFUL TO PLANT YOUR SEEDS AT THE RIGHT TIME. EVERYTHING DEPENDS UPON THIS.

OKRA OR GUMBO.*One ounce will plant 100 hills.*

Used largely in the Southern States. The long pods, when young, are used in soups, stews, etc., and are highly nutritious. Sow in May in drills 2 feet apart, 2 inches deep; plant 9 inches apart.

Okra or Gumbo; Improved Dwarf Green......Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25

PARSLEY.*One ounce will sow one hundred and fifty feet of drill.*

Sow thickly in rows a foot apart, covering lightly; firming down with back of spade; comes up slowly. Plant as soon as possible.

Champion Moss Curled......Per pkt. oz. $\frac{1}{4}$ lb. 30

Fern Leaved.—This exquisitely formed and elegantly curled variety is the acme of perfection. The most superb garnishing variety ever introduced..... 5 10 30

**NEW FERN LEAVED PARSLEY.****PARSNIPS.***One ounce will sow 200 feet of drill; five pounds required for one acre.*

Sow very early 'as seed will not come up during hot, dry weather) in drills 18 inches apart, covering one-half inch deep; thin out to 6 inches apart when large enough to handle. Freezing improves them, and a part of the crop is generally left in the ground for spring use, to be dug up as required.

Long Smooth or Hollow Crown.

Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1b. 60c.

PEAS.*One quart will plant about 125 feet of drill; from 1 to 2 bushels per acre.*

For small gardens we advise the general planting of the Dwarf sorts, like American Wonder and "Premium Gem," requiring no brush and less care than the tall kinds; they are as productive, giving as much or more returns from same ground, as they can be planted closer. They are both of the very best quality. Plant these Dwarf kinds in rows 15 inches apart, about two inches deep, early in the season, and later about four inches deep. This is true also of the tall kinds, which should be planted in two single rows, six inches apart—the double rows from three to five feet apart, according to variety, the taller kinds the last distance. The soil can hardly be too rich.

Add 35 cents extra per quart if sent by mail. Packages of all varieties at 10c each, free by mail.

Bliss' American Wonder.—For description on see Specialties. Per quart 35 cents; per peck, \$2 25.

**EARLIEST.**

Alaska.—For description see Specialties.....

Pierson's Extra Early.—This stands at the head of first early white seeded sorts on account of earliness, productiveness and freedom from runners. No variety is so profitable to the market gardener. Can be gathered in on picking..... 25 1 50

Improved Daniel O'Rourke.—A favorite, extra early variety..... 20 1 25

Laxton's Alpha.—Very early; Green Wrinkled Pea; very superior, 3 feet..... 25 1 50

Extra Early Premium Gem.—One of the earliest wrinkled peas; very productive. Its quality is of the very best; an improvement on "Little Gem"..... 30 1 75

SECOND EARLY.

Bliss' Abundance.—For description see novelties..... 25 1 50

Bliss' Everbearing.—Season medium to very late. Height of vines 18 inches to two feet; quality unsurpassed for sweetness as well as flavor. For a continuance of bearing this variety is unexcelled, if equaled—a characteristic which gives it especial value for late summer and autumn use..... 25 1 50

FOR LATE OR MAIN CROP.

Champion of England.—The best and most popular pea in cultivation for late.... 25 1 50

Black-Eyed Marrowfat.—A good bearer, but not of as good quality as others..... 16 75

Stratagem.—See novelties..... 35 2 25

Telephone.—This variety is one of the finest branching, tall, wrinkled marrowfat yet introduced. It is immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk, the pods are of a large size, and closely packed with 6 to 7 large, delicious peas; height four feet. Every private garden should contain some of these magnificent peas; luscious in quality..... 35 2 00

Dwarf Champion, or Yorkshire Hero.—This is VERY PORTABLE. Long, round pods, closely filled with large, luscious wrinkled peas; of extra fine quality for table use, and very productive. Dwarf, growing but little over 2 feet high. Those who want as good a Pea as Champion of England, but a short growing sort, should grow this..... 25 1 50

Dwarf Grey Seeded Sugar.—(Edible podded); pods and peas of the finest quality; eating qualities superb; the best of all the edible podded kinds; an extraordinary yielder; purple blossoms..... 30 1 75

PEPPER.

One ounce will produce two thousand plants.

Sow in hot-bed in April, and transplant to garden last of May, 12 to 18 inches apart.

	Per pkt.	Oz.	$\frac{1}{4}$ lb.
Large Bell, or Bull Nose	10	30	75
Long Red Cayenne.—For pickles.....	10	30	75

POTATOES.—Prices subject to Change.

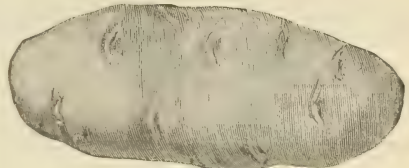
Four Barrels Cut Tubers to the Acre.



Early Sunrise.—Extra early, very handsome, and is the most productive early potato for the early market or family use. The reports received from many customers who have tried it the present season only confirm its claims as the best early potato known. The tubers are oblong, large, solid, uniform and handsome; flesh white, fine grained and dry, cooking well, even when first dug; producing tubers fit for table in less than eight weeks from time of planting. Price by mail, postage paid, 1 lb., 40c; 3 lbs. for \$1.00; by express or freight, 50c per peck; \$1.75 per bushel; \$3.50 per bbl.

Early Rose.—The leading variety for earliness, quality and productiveness. Peck, 50c; bushel, \$1.75; bbl., \$3.50.

White Elephant.—This superb late variety is a cross of the "Garnet Chili" and "White Peach-blow." It combines great productiveness, power of resisting disease, excellent quality and great beauty, and is proof against decay until far into the spring. The tubers, notwithstanding their great size, are ALWAYS SOLID; they grow closely together in the hills. The originator, in Washington Co., N. Y., planted one bushel of the White Elephant potatoes on one-eighth of an acre of ordinary soil, and harvested no less than fifty-seven bushels. Price, by mail post-paid, 1 lb., 40c; 3 lbs., \$1.00; by express or freight, peck, 60c; bushel, 1.75; barrel, 3.50.



White Star.—A fine new variety. Everywhere it has proved a certain cropper, and it will certainly rank as one of the most profitable sorts in cultivation to grow for the market. Whether baked or boiled, its purity of color, fine, floury texture and delicious flavor are very attractive. The tubers are oblong, large and very handsome, while in yield it has proved remarkably prolific, and so far has effectually resisted blight. It is medium early, and is remarkable for its fine keeping qualities. We cannot recommend this new potato too highly, as it has everywhere given the greatest satisfaction the past season. TRY IT! Price 40c per lb.; 3 lbs., \$1.00, by mail, postage paid. By freight, peck, 50c; bushel, \$1.75; barrel, \$3.50.

BEAUTY OF HEBRON.

The standard early potato. It is a native of Washington County, N. Y. It closely resembles Early Rose in shape, but is of a lighter red in color. Very prolific, being equalled in this respect by but few, either of the early or late varieties. Quality excellent. Earlier than Early Rose, it will outyield that standard variety by from a quarter to a third. One lb. sent free by mail for 40c; 3 lbs. for \$1.00; by express or freight, per peck, 50c; bushel, \$1.75; bbl., \$3.50.

PUMPKIN.

One pound will plant from 200 to 300 hills.

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plow. Used principally as a field crop among corn. But to obtain the best results, or on a large scale, plant in hills nine to ten feet apart; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slaked lime in early stages of growth. Cultivate frequently until runners are well started. Sow after May 1.

	Per pkt.	Oz.	$\frac{1}{4}$ lb.	Per lb.
Cheese	5	10	25	60
Connecticut Field			5	15 35
Jumbo, or Large Tours (Mammoth California).—The largest variety grown, often attaining the weight of 200 lbs. or more. Very productive. Per pkt., 10c; per oz., 20c.				

RADISH.

One ounce will sow 100 feet of drill.

Do best in light, sandy soil. Sow at short intervals during the summer for succession. First sowing can be made as early as the garden can be worked.

Early Round Dark Red.—The best Turnip Radish in cultivation; color of skin very dark red, with white flesh; makes hardly any tap root, and very small tops; very distinct and handsome in appearance; particularly valuable for forcing as well as general crop. For selling purposes it is worth fully one-third more than ordinary kinds. (See cut.) Per pkt., 5c; oz., 1c; $\frac{1}{4}$ lb., 25c.

White Tipped Scarlet Turnip.—This is an early variety, of medium size, of excellent flavor and of very handsome appearance.....

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Scarlet Turnip	5	10	25
French Breakfast	5	10	25
Long Scarlet Short Top	5	10	25
White Turnip	5	10	25
Rose Colored China Winter	5	10	25
Black Spanish	5	10	25

California Mammoth White Winter.—(See Specialties.).....

Beckert's Chartier.—(See Specialties).....



EARLY ROUND DARK RED TURNIP RADISH.

SALSIFY (OYSTER PLANT.)*One ounce will sow fifty feet of drill.*

Sow in drills 1 foot apart, in early spring, and thin out, when large enough, to 4 inches apart. Ready for use in fall. It is cooked in a variety of ways, and is one of the most delicious vegetables grown.

Per pkt. Oz. $\frac{1}{4}$ lb.
5 15 50

Salsify, or Oyster Plant.....

SPINACH.*One ounce will sow 100 feet of drill; 10 pounds one acre.*

Sow in September for early spring use, covering lightly with straw or leaves; also in spring when the ground can be worked, and again at intervals during the whole summer, in drills 1 foot apart. Sow thinly in well-enriched soil. The richer the ground the better and more tender the crop is.

Long Standing.—New. See Novelties. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; 1 lb., 40c.

Savoy Leaved.—Best: yields twice as much as the "Round" on same amount of ground; leaves wrinkled like Savoy Cabbage—hence its name. The hardest of all varieties. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; per lb., 40c.

Round.—Earliest; good for spring or fall. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; per lb., 40c.

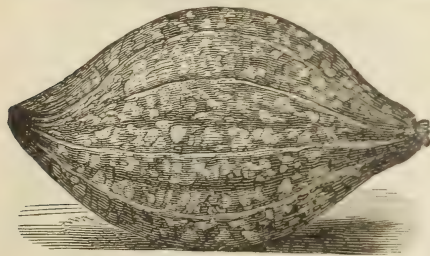
New Zealand.—Produces leaves in great abundance throughout the summer. Should be raised in heat, and transplanted 3 feet apart each way, into light, rich soil. Per pkt., 5c.; oz., 10c.

SQUASH.

One ounce Early will plant 50 hills. 1 ounce Marrow, 20 hills. Four to six lbs. will be required for an acre.

Sow when weather has become settled and warm, in spring, in hills well enriched; thin out, leaving 3 plants to a hill. The summer bush varieties, hills 3 to 4 feet apart; the later and running sorts, 6 to 8 feet.

The Butman, New.—In size and productiveness it resembles the Hubbard, is exceptionally fine grained, in this respect surpassing every other variety; flavor dry, sweet and delicious; in its prime from October to January, though it is as good a keeper as the Hubbard. Dr. Thurber says: "It seems to me that every good quality of every good Squash is concentrated in this." (See cut.) Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.

**"THE BUTMAN" SQUASH.**

White Bush Scalloped.—The earliest.....
Bush Summer Crookneck.—Fine for summer use.....
Boston Marrow.—For fall.....
Hubbard.—For winter.....

Per pkt. Oz. $\frac{1}{4}$ lb.
5 10 25
5 10 25
5 10 25
5 10 25

Essex Hybrid.—A cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome squash, very productive, and earlier than any other winter variety, and will be valuable.....

Perfect Gem.—This variety, unlike anything before offered, is excellent, both as a summer and a winter squash. It has all the properties of the best of both classes. It is a vigorous grower and wonderfully productive, branching in a similar manner to the Ornamental Gourd, and often bearing quite as abundantly. The squashes are from 4 to 6 inches in diameter, flattened, of a creamy-white color, slightly ribbed, and have a thin, smooth skin. The flesh is fine-grained, and when cooked is dry, very sweet, and has a delicious flavor, entirely free from that strong taste common to all of the winter squashes. It is remarkable for its keeping qualities. In a dry, cool room, free from frost, they may be kept until spring. In short, it is justly entitled to the name given it, being equal to the best bush or Marrow Squash for summer use; better than any other for winter. Price 5 cents per packet, 10 cents per oz., 26 cents per $\frac{1}{4}$ lb.

**TURNIPS.***One ounce will sow 150 feet of drill; two lbs. will sow an acre.*

Sow in drills 15 inches apart; for early summer crop, sow Flat Dutch in April, and thin to 1 or 2 inches. For fall use, sow from middle of July to last of August (the smaller varieties maturing sooner at the later date). Sow on light, and if possible, new soil, and manure with wood ashes or phosphates; if insects are troublesome, dust with wood ashes. Ruta Bagas should be sown from June 1 to July 1, in drills two feet apart, thinned to 12 inches apart.

EXTRA EARLY PURPLE TOP MILAN TURNIP.

This resembles in every way the common early Red Top Strap Leaf, with the exception that it is decidedly earlier and the purple is of a decidedly richer and darker color. It can be left rather thicker than the "Red Top" as the top is smaller. It is very profitable for early market, and is a decided acquisition. Two weeks earlier than Strap Leaf.

Per pkt., 5 cents; per oz., 10 cents; per $\frac{1}{4}$ lb., 25 cents; per lb., 75 cents.



"I cannot do less than return my thanks for the highly satisfactory manner in which you have filled my order."

Newburyport, Mass.

W. C. JOHNSON

TURNIPS.—(Continued.)



WHITE EGG TURNIP.

Sweet German, or Large White French Ruta Baga.—Superior for table or stock. Attains a large size, and has a rich, sweet flavor; flesh firm and very solid.....50c. per lb.

New White Egg. —A quick-growing variety, perfectly smooth, pure, clear white, pulling clean from the ground, and with its snow-white skin looks almost as attractive as a basket of eggs; grows half out of the ground and at times to the size of a Ruta Baga. A very choice kind for table use, of excellent flavor, sweet and mild; its attractive appearance is certain to make it one of the most salable turnips grown. It is ready for use just after Red Top Strap Leaf, and is also a first-rate keeper. Sow from August 10 to 25. (See cut.).....50c. per lb.	5	10	20
Purple Top White Globe. —A fall variety of much the same character as Red Top Strap Leaf, but globe-shaped, which it will entirely supersede, as it is an enormous cropper; much more can be raised on same ground.....50c. per lb.	5	10	20
Red Top Strap Leaf. —For summer and fall.....50c. per lb.	5	10	20
Yellow Stone. —The standard sort.....50c. per lb.	5	10	20
Cow Horn. —Grows very quickly; shaped like a carrot, about half of which is formed above ground; flesh white; sweet.....50c. per lb.	5	10	20
Golden Ball. —Rapid grower, excellent flavor, and of a beautiful bright yellow color; a good keeper; has no superior for table use.....50c. per lb.	5	10	20
Improved American Ruta Baga, or Swedish.50c. per lb.	5	10	20

TOMATO.

One ounce will produce about twelve hundred plants.



Sow in hot-bed early in March; when large enough transplant two inches apart, and when plants begin to crowd each other, again to 4 inches apart; give plenty of air on mild days, to keep plants stocky; transplant to open ground middle of May, 3 to 4 feet apart. Do best on light, not over-rich soil. When no hot-bed is at hand, plants can be sown in a window, using small boxes or pots.

Livingston's Perfection Tomato.

Two of the very best tomatoes of late years, the Acme and Paragon, were originated by Mr. Livingston, to whom we are indebted for this new variety. The Perfection is far ahead in every respect of the two well-known sorts that have done him so much credit. The fruit of Perfection is larger in size than the Acme, color blood red; it is the earliest large tomato in cultivation, almost round in shape, perfectly smooth, and very solid; of the best quality, enormously productive, bearing all through the season until frost. As it is very solid and has a tough skin, it will be found very profitable for shipping purposes; it has the further merit of ripening all over and through at the same time. It has been tested the past two seasons, and we claim it is the best tomato of all. Per pkt., 10c; oz., 25c.

	Per pkt.	oz.
Trophy. —The largest and most popular for main crop; extra selected.....	10	25
The Mikado, or Turner's Hybrid. —For description, see Specialties.....	10	30
Livingston's Beauty. —For description, see Novelties.....	10	25
Acme. —New, early, medium size and very productive; color very distinct, having a purplish tinge.....	5	25
The Cardinal. —Brilliant cardinal-red, smooth, medium early, and larger in size than Livingston's Perfection. It excels in evenness of ripening, and is of the same large size throughout the entire season. Very solid and firm.....	5	25
Livingston's Favorite. —The largest perfect-shaped tomato in cultivation, smoother than the Paragon, does not crack or rot like the Acme, is a darker red than the Perfection; ripens evenly, and as early as any good variety, holding its size to the end of the season; very prolific, good flavor, few seeds, flesh solid; bears shipping long distances.....	10	25
Essex Hybrid. —Very early, solid, rich-flavored, large in size, grows perfectly smooth, and is very productive. Color is of a bright pink, much like the Acme, but larger and darker colored.....	5	25
Yellow Plum. —For preserving or canning.....	10	25
Golden Trophy. —Identical in form and size with the Trophy, but a beautiful canary color.....	10	30

GRASS AND CLOVER SEEDS.

(Prices subject to market fluctuations.)

	Per qt.	bush.
Red Top. —Fourteen lbs. to bushel; 2 to 3 bushels will sow one acre.....	15c.	\$1.25
Kentucky Blue. —Double extra clean, 14 lbs. to bushel, 1½ bushels to the acre.....	20c.	1.75
Wood Meadow Grass (<i>Poa nemoralis</i>).—Well adapted for lawns in shady situations; pro-		
duces foliage in abundance very early in the spring; 2 bushels to the acre.....	25c.	
Rhode Island Bent. —12 lbs. to bushel; 2 to 3 bushels to the acre.....	20c.	3.00
Timothy. —Per bushel, 45 lbs.; ½ bushel to the acre. Market price variable, from \$2.50 to 3.00 per bush.		
Red Clover. —15 to 20 lbs. to acre.....	12c.	per lb.
White Clover. —(Alone).—12 to 15 lbs. per acre.....	25c.	per lb.
German, or Golden Millet. —Sow up to July 15, 3 pecks to the acre; 48 lbs. to the bushel.....	2.00	
Orchard Grass. —14 lbs. to the bushel.....	1.75	



PIERSON'S CELEBRATED Emerald Green Lawn Grass Seed.

THE BEST MIXTURE MADE FOR AMERICAN LAWNS,
LAWN TENNIS COURTS, GRASS PLATS, ETC.

Nothing adds so much to the attractiveness of a country place as a well-kept velvety lawn. In order to secure this it is necessary that the proper grasses should be sown. More disappointment results from sowing inferior seed than from any other cause. Our "Emerald Green" Mixture is composed of the finest American grasses, in proper proportions, of such grasses as are best adapted for our hot dry summers, and will form a close velvety lawn very quickly after being sown, and will keep that rich, dark, emerald green color that is so much admired, during the season, better than any other mixture.

HOW TO MAKE A LAWN.

FOR NEW LAWNS, USE FOUR BUSHELS PER ACRE.

"The preparation in laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when hills are removed sufficient sub-soil is also removed, to be replaced with top-soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished drains should be laid wherever necessary, then the whole should be thoroughly plowed or sub-soiled following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied, until the surface is thoroughly fined down, all stones, roots, etc. should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown a light harrow should again be applied, and after that a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New York the seed may be sown at any time during the months of April and May, and will form a good lawn by August, if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plats, of course, digging, trenching and raking must be done, instead of plowing, sub-soiling or harrowing.

Mowing machines are excellent after a comparatively close turf is established, but for the first six months after sowing, a sharp scythe should be used in preference to the machine. Frequent mowing and rolling are indispensable to maintain the turf in good order. By following these directions, a close sward will be obtained in a short time. A slight dressing of manure late in fall, raked off in early spring, is very beneficial.

Price, 20c. per quart - \$4.00 per bushel.

If to be sent by mail, 10 cents extra per quart must be added for postage.

FOR LAWN ENRICHER AND OTHER FERTILIZERS, SEE PAGE 93.

CHOICE SPECIALTIES IN
FLOWER-SEEDS.
 NEW LARGE-FLOWERING
PHLOX DRUMMONDI.



Magnificent new class, greatly improved, with very large and more perfect flowers of more dazzling color and brilliancy. For amount of money expended, Phlox D. Grandiflora will give better returns than any other flower, if we except, possibly, our "Improved Poppies." It is sure to do well with every one, costs but little, blooms very early, and blooms continually until frost, and is a splendid mass of color, almost hiding the foliage. Seed need only be sown in open ground in May, and from June will make a brilliant bed of showy colors. They grow about 15 inches high, and do best about 6 inches apart. Planted in separate colors, in masses, the effect is grand. The colors are very brilliant. We know of nothing that will give more satisfaction in the garden. They are as reliable as geraniums, and will make as great a display; fine for cutting for bouquets.

Phlox Drummondii Grandiflora. Splendens.—Flowers large and of great substance, handsomely rounded, color vivid crimson, with pure white centre, growth compact. The finest sort—elegant. Per pkt., 10 cents.

Alba.—Pure white. Per pkt., 10 cents.

Coccinea.—Scarlet; splendid. Per pkt., 10 cents.

Carminaea Alba Oculata.—Rose carmine, with white eye. Per pkt., 10 cents.

Atropurpurea.—Rich purple. Per pkt., 10 cents.

Kermesina Striata.—Crimson striped with white. Per pkt., 10 cents.

One pkt. each of above 6 sorts for 50 cts.

Finest mixed colors. Per pkt., 10 cents.

PHLOX DRUMMONDI, CUSPIDATA.

"STAR OF QUEDLINBURG."

An extraordinary novelty. The centre of each petal runs out into a point one-quarter to one-third of an inch beyond the edge, which gives the flowers a *regular star-like form*. The plant grows about 1½ feet in height, of compact habit, and bears large umbels of flowers. 15c. per pkt., 4 for 50c.



Phlox Drummondii Cuspidata, "Star of Quedlinburg."

NEW AND IMPROVED ZINNIAS.



Zebra Zinnias.

The flowers of these new Zinnias are remarkably fine, perfect in form and varied in color. The colors are indescribable. They range from pure white, through creams and buffs, to a clear chrome yellow. Then, again, there is a series of tints ranging from the softest pinks to the deepest crimsons and fiery coppers and reds; and some are two-colored, owing to the florets being pale when first expanded, and afterward changing to a deeper hue. Zinnias of all kinds are so important in the garden, particularly in late summer and early autumn, that these new strains must speedily become most popular.

New Double Tom Thumb Zinnias.—A compact Lilliputian-growing variety, not over 12 inches high, especially suited for edgings and small beds, with flowers resembling in size and color the Pomponne Zinnias.

Pomponne Zinnias.—The flowers of this beautiful class are but about half the size of the ordinary Zinnia, very double, and of the most perfect form and vivid colors.

Zebra Double-Striped Zinnias.—Very interesting and beautiful new class. These we offer was saved from the most characteristic blooms, and will produce about 50% of very fine striped flowers. Try it, by all means.

New Mammoth-Flowered Zinnias.—New, very large-flowering; growing 3 feet in height, with large, perfectly formed flowers, often 5 to 6 inches across, which are borne in uninterrupted succession the whole summer.

10 cents per pkt. One pkt. of each 4 sorts for 50c.

The plants and bulbs were duly received, and I am very much pleased with them. They came in splendid order.

Mrs. C. O. PERCE, San Diego, Cal., June 1, 1889.

SWEET PEAS.

These have long been favorite flowers, and are very fashionable. The colors are very rich and striking. They are deliciously fragrant; and a bunch of these beautiful flowers forms an exquisite bouquet. Nothing blooms in greater abundance, and few flowers are as satisfactory. They like cool, moist weather, and should be planted *very early* in spring; the earlier the better. Some have failed to grow Sweet Peas, and in the majority of cases it is because they are sown too late. Sow early and success is certain. They are no harder to grow than garden Peas, and require same treatment. Plant early, about 4 inches deep, brushing them when about 6 inches high. Remove the seed-pods as they come, and they will bloom all summer.

ECKFORD'S MAGNIFICENT NEW HYBRIDS.

These are the newest and rarest varieties sent out by this celebrated raiser, which are greatly improved in form and largely increased in size of flower. They will be eagerly sought after by every lover of this charming flower.

Apple Blossom.—Large and very beautiful; wings white, shaded lilac; standards bright rosy pink.

Boracotton.—Particularly handsome and distinct; large, rich, dark glossy chestnut color.

Orange Prince.—Distinct and fine, rose-colored wings and orange-red standards.

Cardinal.—Bright crimson scarlet, elegant.

Duchess of Edinburgh.—Standards light scarlet, flushed crimson, slightly splashed at the edge with white; wings deep rose.

Imperial Black.—Rich purplish crimson, with bright blue wings, shaded mauve.

Indigo King.—Dark maroon purple, with clear Indigo blue wings.

Princess of Wales.—Lovely; shaded and striped; with mauve on a white ground; of great substance and perfect shape.

The Queen.—Light rosy pink, contrasting charmingly with mauve wings.

Per pkt., 15c.; 1 each of the 11 kinds for \$1.25.

Eckford's magnificent New Hybrids, finest mixed, 10c. per pkt.; 6 for 50c.; 75c. per oz.

Isa Eckford.—Charming variety; flowers rosy pink shaded carmine.

Splendor.—Dark rose color, shaded with crimson; of large size.



NEWPORT SWEET PEAS.

Adonis.—Bright carmine rose; fine. Per oz., 15c.; per pkt., 5c.

Scarlet Invincible.—Deep scarlet crimson; beautiful. Per oz., 15c.; per pkt., 5c.

Painted Lady.—Rose and white. Per oz., 15c.; per pkt., 5c.

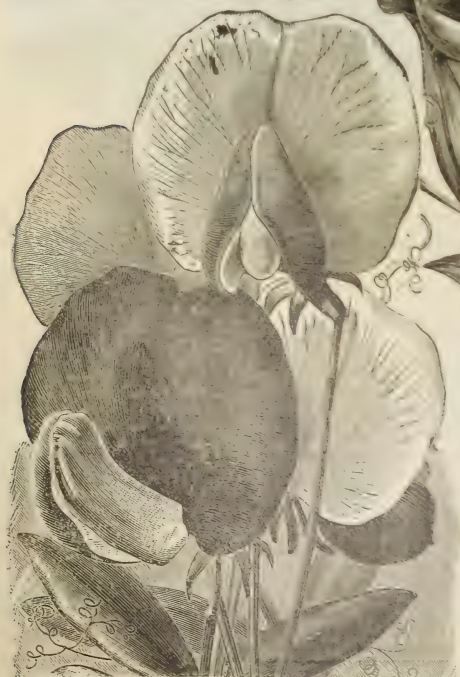
Crown Princess of Prussia.—Delicate blush; very fine. Per oz., 15c.; per pkt., 5c.

White.—Very fragrant. Per oz., 15c.; per pkt., 5c.

Butterfly.—White ground, delicately laced with lavender blue. Per oz., 15c.; per pkt., 5c.

Black.—Very dark brownish purple. Per oz., 15c.; per pkt., 5c.; one packet each, 7 sorts for 25c.

Finest Mixed.—Per oz., 10c.; per lb., 75c.; per pkt., 5c.



Eckford's New Hybrid Sweet Peas.
(Very Finest Type.)

The flowers you sent were very fine, and gave every satisfaction. The roses were the finest I ever saw.
ALFRED H. RENSHAW, Troy, New York, May 16, 1889.

NEW FANCY HYBRID FRINGED SINGLE PETUNIAS.

*Petunia Grandiflora Fimbriata.*

THE ELDORADO MARIGOLD.

It would be difficult to conceive of a more gorgeous and strikingly beautiful sight than a field of these New Eldorado Marigolds. The large, bushy plants are each a ball of brilliant colors, many single plants having 75 to 100 flowers in full bloom at one time. The flowers are globular, as perfectly double as a Dahlia, and of enormous size, measuring three and a half to four inches across. They embrace four shades of color—the lightest primrose, lemon, rich golden yellow, and deep, intense glowing orange. The Eldorado Marigold is sure to excite the admiration of every one. Per pkt., 10c.; 3 pkts. for 25c.



Single Dahlias.

and then planted on rich ground in a sunny spot; they will flower by the middle of August; of course, the seed can be sown earlier by those having the conveniences. 10 cents per paper. 6 for 50c.

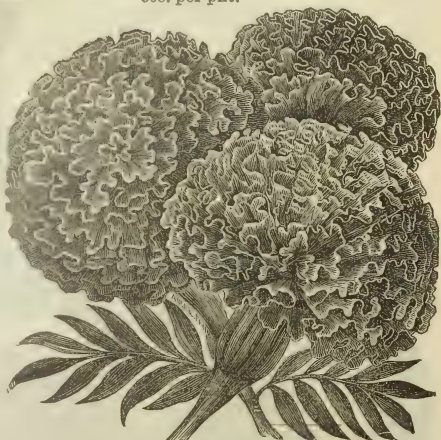
To see and other things which I ordered arrived safely. Am very much pleased with the extras, and also find it a pleasure to deal with you. E. M. KERR, Pine Ridge, Dakota, April 27, 1889.

A wonderful advance has been made in Petunias within a few years—the markings, size, and color of the flowers are remarkable, and they create a sensation wherever shown. The flowers are deeply fringed, and combine extreme elegance of form with great diversity of delicate and charming colors. Nothing is showier or more easily grown, and nothing gives such a constant display from very early until very late, as these Petunias, and this improved section must make them very popular. Our illustration is reduced about one-half size, and although it shows the beautiful form of the flower of our improved varieties and will serve to give some idea of their elegance, yet no engraving, no matter how aided by description in words, can convey any adequate idea of their marvelous beauty and rich and elegant colors. This improvement has only been accomplished by the most intelligent and patient work through a long series of years, until now it would seem as if perfection had been reached. To give an idea of the great value of this seed, we will state that it is worth, at wholesale, eighty dollars an ounce, or in other words, its value is five times its weight in gold. All colors, mixed, 25c per pkt.; 5 for \$1.

We also offer plants of this single-fringed Petunia at 8c. each, 75c. per doz; extra size (by express only), 12c. each, \$1.25 per doz.

FRINGED DOUBLE PETUNIAS.

This seed is of unsurpassed excellence, and has been fertilized with great care, and can be expected to produce 30% or 40% of charming double-fringed flowers. 50c. per pkt.



The Eldorado Marigold.

SINGLE DAHLIAS.

The new Single Dahlias are among the most showy and beautiful of our late summer and fall flowering plants. We have saved a splendid lot of seed from the flowers of our "Superb Set" of Single Dahlias. New varieties are constantly being produced from seed, some of them of exquisite beauty, and as this seed is unusually choice, it may be expected to produce exceptionally fine results.

In raising Dahlias from seed, they should be sown in pots and placed in a sunny window. Those having a hotbed, conservatory, or greenhouse, will of course use them instead. The seed ought to be sown by the 1st of April, kept warm until the middle of May, in a sunny spot; they will flower by the middle of August; of course, the seed can be sown earlier by those having the conveniences. 10 cents per paper. 6 for 50c.

EXTRA CHOICE PANSY SEED. (Pierson's Perfection.)

This strain is the result of the most careful attention and study for a long period of years, and was raised for us by a celebrated Pansy grower in Belgium. By means of the most careful selection and treatment, the finest and newest sorts are produced, and consequently of extraordinary perfection, as the endless variety and extremely rich, brilliant, and charming shades of color will convince you. The combinations of color in the same flower are exquisite and wonderful, and so delicate that no description can convey any adequate idea of their beauty. There are over forty varieties, striped, spotted, bordered, and fringed, in rainbow colors, with rich, velvety texture.

Price 25c. per pkt.
5 for \$1.00.



NE PLUS ULTRA.

NE PLUS ULTRA, OR GIANT FIVE-SPOTTED.

Every one will be surprised at their rich and brilliant shades, the finest colored and handsomest marked of all large-flowering Pansies. Nothing more elegant in Pansies could hardly be desired. This and the following kinds will make the handsomest collection ever seen.

Price per pkt., 25c.; 5 for \$1.00.



PIERSON'S PERFECTION.

NEW TRIMARDEAU OR GIANT THREE-SPOTTED.

A new class of Pansies of French origin, that will afford unbounded satisfaction, and astonish everyone, on account of their immense size, and will be highly prized by every lover of this popular flower. The engraving shows the average size of the flowers when well grown.

Florists will find them the finest-selling Pansies on account of their extraordinary size, which commands universal admiration and attention from all who see them. Finest mixed colors.

Price per pkt., 25c.; 5 for \$1.00.

One pkt. of each of above three sorts for \$1.00.

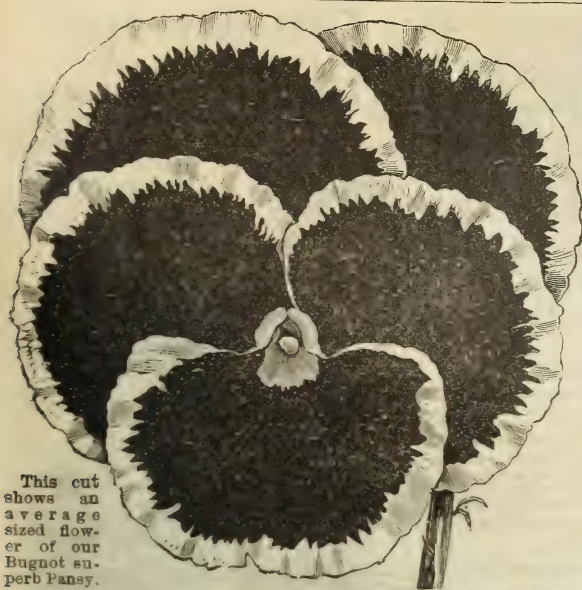
This cut shows an average-sized flower of our Trimardeau Pansy.



TRIMARDEAU.

Seed sown very early in spring in cold-frames or hotbeds, or very early out of doors, will give splendid results, and many, no doubt, will prefer to raise their own plants, which is very easily done.

We also offer strong young plants of the above sorts at 40c. per doz.; \$2.50 per 100. Extra strong selected plants (by express only) 60c. per doz.; \$4.00 per 100.



This cut shows an average sized flower of our Bugnot superb Pansy.

The most marked improvements in Pansies ever seen will be found in the elegant strains offered on this and the preceding pages. They are entirely distinct, and all equally desirable.

BUGNOT'S SUPERB.

This splendid new class produces flowers of immense size and of the most varied and attractive markings and colors, each petal bearing a blotch that almost entirely covers it so as to resemble the Lady Washington Geranium. The plants are of sturdy habit and the flowers are borne well above the leaves, showing them to the best advantage. This is the most striking and showy Pansy introduced for years.

50 cents per pkt.

Yellow Giant Trimardeau.

—New, very large, bright yellow, with black spots. A proportion of this should always be sown with mixed Trimardeau, in which the prevailing color is dark. Price 15 cents per pkt.

PANSY SEED IN SEPARATE COLORS.

Emperor William.—Brilliant ultramarine blue, with dark purple eye; large and handsome.

Faust, or King of the Blacks.—Dark velvety black; very rich.

Snow Queen, or Candidissima.—Pure satiny white, flowers large, yellow eye.

Yellow.—Very bright golden yellow, with black eye; a very desirable sort.

Price, 10c. per pkt. One paper each of the 8 sorts for 60c.

Rainbow, or Striped Varieties.—Curiously striped and flamed sorts, in an infinite variety of beautiful colors.

Light Blue.—An exquisite color.

Gold-Margined Sorts.—Very richly colored sorts, with golden edges.

Shades of Brown.—Mahogany-colored and other odd and unique shades, very much sought for on account of their oddity.

RICINUS CAMBOGIENSIS.

The finest dark-leaved Castor-Oil Bean, and one of the finest things for tropical effects, either in masses or as individual specimens on the lawn or garden, that we know of. They grow from 6 to 8 feet high, with large palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems, and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, perfectly gorgeous in the sunlight, the foliage glittering as if highly burnished. Price 15 cents per pkt.

For other varieties of Ricinus, see page 86.



Ricinus Cambogiensis.

I had some of your Pansy seeds this spring, and they were by far the most beautiful I have ever had; and we have had them from a great number of places."

Ipawich, Mass. ELLEN M. JORDAN.

Plants arrived in excellent condition. The extra premiums were indeed an agreeable surprise. Everything entirely satisfactory. Many thanks.

M. C. ARMSTRONG, Teasdale, Miss., April 15, 1889.

DWARF ENGLISH, TOM THUMB NASTURTIIUMS.

The dwarf improved varieties of Nasturtium are among the most useful and beautiful of garden favorites, for bedding or massing; their close, compact growth, rich colored flowers, and the freedom with which they bloom, all combine to place them in a leading position among first-class bedding plants; should be grown in rather poor soil; hardy annuals. These improved varieties bloom more in masses, with finer and larger flowers.

Nasturtium, Tom Thumb Beauty.—Yellow, flushed with vermillion. Per pkt., 5c.

Cerulea Rosea.—Beautiful peach. Per pkt., 5c.

Crimson.—Dark crimson. Per pkt., 5c.

Crystal Palace Gem.—Sulphur spotted mauve. Per pkt., 5c.

Empress of India.—The most brilliant Nasturtium in cultivation. The flowers of this grand novelty are of a brilliant crimson color, and freely produced. The plant is of dwarf, compact habit, with dark tinted foliage and flowers of a deep brilliant crimson. It is far in advance of that already popular variety, King of Tom Thumbs, the color being many shades deeper and the habit of the plant perfect. It will rank far ahead of anything of the kind ever before offered. It would be safe to say it is the most important annual of recent introduction. Per pkt., 10c; 6 for 50c.

Golden King.—Golden yellow. Per pkt., 5c.

King of Tom Thumbs.—Intense scarlet, bluish-green foliage. Per pkt., 5c.

King Theodore.—New variety, dark green foliage, flowers almost black. Per pkt., 5c.

Pearl.—Creamy white. Per pkt., 5c.

Rose.—Very desirable. Per pkt., 5c.

Scarlet.—Very brilliant. Per pkt., 5c.

Spotted.—Yellow spotted crimson. Per pkt., 5c.

Yellow.—Per pkt., 5c.

The full collection of above 16 kinds for only 75c. For Climbing Nasturtiums see page 90.

Ruby King.—Foliage very dark. Per pkt., 5 cents.



Spotted King.—Yellow spotted chocolate. Per pkt., 5 cents.

Lady Bird.—New rich golden yellow, each petal having a broad bar or vein, starting from the base, of bright ruby crimson; a charming addition. Per pkt., 10 cents.

Finest Mixed.—All kinds. Per pkt., 5c.

CHATER'S SUPERB HOLLYHOCKS.

These improved varieties are magnificent, with the most perfect flowers. They are "Superb" from the best collection in England. Six finest prize varieties: *Crimson, Rose, Yellow, Scarlet, White, Flesh*. Any color separate, 15 cents per paper; the six for 75 cents.

PIERSON'S PRIZE BALSAMS.



Old garden favorites, which have been so hybridized and improved that they are now as double and perfect as a Camellia, which the flower much resembles. Florists use many of them in their choicest work. It succeeds admirably everywhere. They should always be transplanted, for if left where sown, are apt to be semi-double. Our climate is admirably adapted for their culture, and our magnificent improved varieties will be received with great favor. We offer ten varieties in separate colors.

Scarlet.—Very double, intense fiery scarlet.

Crimson.—Deep crimson.

Apple Blossom.—Elegant.

Lilac.—Very delicate lavender.

Scarlet Mottled.—Brilliant scarlet, with white spots.

Flesh Color.—A beautiful shade.

Solferino.—Satin white, striped and spotted with crimson and lilac.

Rose Color.—Beautiful rosy pink.

Lemon.—New; very beautiful.

Finest Mixed.—Price per pkt., 10 cents; six pkts. for 50 cents.

White Perfection.—This is saved from the most perfect flowers only, and is designed for florists' uses and those who want an extra quality white. Per pkt., 15 cents.

One paper of each, 10 colors, for 75 cents.

"I bought a few flowers of you last season, and they were splendid."
Nottawa, Mich.

E. S. AMTORG.

BRACHYCOME IBERIDIFOLIA.**"Swan River Daisy."**

The *Brachycome Iberidifolia* is a daisy-like flower, found on the banks of the Swan River in Australia, and is sometimes called Swan River Daisy. An elegant little plant, growing about eight inches in height, of compact branching habit, and abundance of flowers, something like those of the *Cineraria*. An excellent flowering plant, blooming all summer, the blue being particularly desirable.

Blue, per pkt., 5c.; White, per pkt., 5c.
Mixed, per pkt., 5c.

**COSMOS HYBRIDUS.**

This magnificent annual is among the most showy and graceful of all garden flowers, and nothing can give greater satisfaction for a late display. They make very large plants, growing five to seven feet high, which are beautiful masses of the most elegant foliage until they begin to bloom in September, when each plant will have hundreds of large showy blossoms, resembling single dahlias. October frosts do not hurt the plants or flowers, and during that month it is the gayest and most showy plant in cultivation.

10c. per pkt.

HARDY WHITE CANDYTUFT.**"Iberis Sempervirens."**

This is perfectly hardy, with dark green foliage, which during June is covered with a perfect mass of snow-white flowers.

10c. per pkt.

**ORNAMENTAL FOLIAGE BEETS.**

A most effective foliage plant, its leaves producing a wealth of tropical beauty not attained in any other flower, surpassing anything in its rich and elegant coloring, excelling the *Canna* and *Caladium* in its massive grandeur. Its metallic, lustrous, and glistening leaves equal any of the most expensive exotics and conservatory plants; natives of Chili and Brazil from the foot of the Andes. The leaves are over three feet in length and one foot in width, having a glistening varnished-like surface not equalled in any other ornamental plant, with intense scarlet, crimson, and golden mid-rib, surrounded on each side with the most exquisite shading and variegation. Some of the coloring and shading seems as if floated on and then reflected with the most lovely silver sheen.

One valuable feature of these ornamental-leaved beets is the fact that frost does not kill them, but colors their leaves brighter, and until covered with snow are objects of great beauty.

Scarlet-Ribbed Chilean.—A strong-growing variety, the leaves often more than three feet long by one foot wide, the mid-rib being bright scarlet.

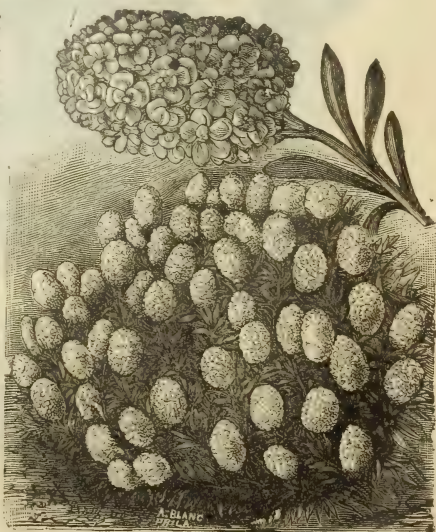
Yellow-Ribbed Chilean.—Similar to the above, but richly variegated, with a yellow mid-rib.

Crimson-Veined Brazilian.—The colors of the Brazilian varieties are positive and distinct.

Golden-Veined Brazilian.—A variety with golden-yellow markings.

Scarlet-Veined Brazilian.—Deep crimson, with scarlet markings; very distinct and showy.

10c. per pkt. One each pkt., 40c.

**Hardy White Candytuft.**

The plants with which you filled my order of the 15th inst. I received in good time and am highly pleased with them. They are stocky and healthy. The best lot I ever paid cash for.

R. D. RICHARDSON, Harrisburg, Pa., April 29, 1889.

IMPROVED MIGNONETTE.



Miles's Hybrid Spiral Mignonette.

minated by massive spikes of deliciously scented red flowers. It is entirely distinct from all the sorts hitherto recommended for pot-culture. Per pkt., 10c; 6 for 50c.
One pkt. each of above 3 New Mignonettes for 25 cents.

This is a favorite flower. Its exquisite fragrance, its constant blooming qualities and its adaptability for bouquets, have ever made it indispensable. It is necessary to the florist in the most expensive floral decorations, and is equally so in the most unpretentious nosegay. The following varieties are very great improvements, and will be much admired by those who grow them.

Mammoth Hybrid Spiral.—The largest and finest variety known; the spikes of bloom selling for \$1.00 per dozen. Very robust, bearing twice as many flowers as the common kind, with very large spikes of bloom, often attaining a length of 8 to 10 inches in good soil. From its large size and delicious fragrance it has been conceded to be the best variety in cultivation. Per pkt., 10c; 6 pkts. 50c.

Golden Queen.—New and very distinct, and can be distinguished from all other Mignonettes as far as it can be seen, and when in bloom is a mass of golden yellow. This will be a general favorite, as it is highly praised by all who have seen it; deliciously fragrant. Per pkt., 10c; 6 pkts. for 50c.

Machet.—No sort appears to be so well adapted for pot-culture. The plants are dwarf and vigorous, and are of pyramidal growth; furnished with very thick dark green leaves; they throw up numerous stout flower stalks terminated by massive spikes of deliciously scented red flowers. It is entirely distinct from all the sorts hitherto recommended for pot-culture. Per pkt., 10c; 6 for 50c.
One pkt. each of above 3 New Mignonettes for 25 cents.



NEW MAMMOTH FLOWERED VERBENAS.

These greatly improved varieties of the Verbena are sure to give increased popularity to this already popular and favorite flower. They are magnificent, and far surpass any varieties hitherto in cultivation, producing very large, richly colored flowers as large as a 25-cent piece, embracing every color known and many new shades, while the clusters of flowers are magnificent. We doubt not our customers will derive much pleasure from their cultivation, as they are easily raised from seed, and bloom constantly all summer.

Price 25 cents per pkt; 5 for \$1.00.

We can also supply plants of these Mammoth Verbenas, in 12 choice-named sorts, when desired.
Price 8 cents each; 75 cents per dozen.

PIERSON'S MAGNIFICENT IMPROVED DOUBLE GARDEN POPPIES.



All those who want the gayest garden with the least trouble and expense, should not fail to try these. Simply scatter the seed over the ground where they are to grow, and you will have a garden a mass of color for months. They grow about 2 feet high, with magnificent large flowers of the richest and most intense shades of color, and are the most beautiful of the species, and are an ornament to *any* garden. As a feature in mixed borders, in front of shrubbery, or evergreens, they produce an effect that cannot be matched for brilliancy—perfectly dazzling. Should be sown early in the spring, as they are hardy. This grand strain which we offer has been produced after many years of high cultivation. The flowers are as large as Peonies. We offer a grand collection in separate colors. For brilliant, dazzling colors these poppies are equalled only by the Tulip. They are in bloom the whole summer, and make a show which has no rival.

White.

White and Light Purple.

Rose Color.

Scarlet and White.

Dark Scarlet on Violet Ground.

Fiery Scarlet.

Any color, price per pkt., 10 cents. The collection of 6 sorts for 50 cents. Finest mixed colors in one pkt., 5c each.

FOUR OTHER FINE NEW POPPIES.

Snowdrift.—A grand new variety, of very dwarf and compact habit, bearing pure snow-white flowers, as large and fine as any Peony. This and Crimson King attracted great attention the past season. They are two of the finest novelties of this year. Per pkt., 10 cents.

Crimson King.—Deep dazzling crimson; otherwise like the above, except, perhaps, a little taller. The two make a splendid contrast. Per pkt., 10 cents.



Papaver Umbrosum.—The most beautiful dwarf Single Poppy, brilliant crimson, with a shining black spot on each petal; very showy. Plant 18 inches in height; makes a gorgeous display in the garden. Per Pkt., 5 cents.



PAPAVER DANEBROG.

New single-flowering Poppy of striking effect. The appearance of the plant in growth and height being betwixt *P. umbrosum* and the popular double fl. Garden Poppies; the flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery white spot, forming thus a white cross on a scarlet ground similar to the Danish or Swiss national banner. Very desirable and showy. A fine contrast to "Umbrosum." Per pkt., 5 cents.

"The Roses reached me in good time and in excellent condition. They were simply exquisite, and I return thanks for your kindness and prompt attention."

Catskill, N. Y.

Respectfully yours,

MRS. W. A. DOTY.

CHOICEST STRAINS OF SEEDS FOR GREENHOUSE GROWING.



Cineraria.

TUBEROUS-ROOTED BEGONIAS—DOUBLE FLOWERED.

The Tuberous-Rooted Begonias are among the handsomest of our summer flowering bulbs. They are not grown to the extent they should be, and are simply gorgeous and beautiful above description, being covered with a wealth of blooms that is simply dazzling; the flowers of many of our choice kinds being two and three inches in diameter, ranging from the most delicate shades of yellow and salmon to the most striking crimson and scarlet. The tubers may be preserved in winter the same as Caladium bulbs. Our seed has been very carefully hybridized, and will produce a large proportion of double flowers of the choicest sorts. Price 25 cents per pkt.

CALCEOLARIA.

Plants of a highly decorative character, indispensable for the greenhouse. Our fine strains are remarkable for their large, magnificently marked flowers.

Calceolaria Hybrida.—All the varieties in splendid mixture from the most celebrated European collection. Per pkt., 25 cents.

CINERARIA HYBRIDA.

Beautiful and very showy greenhouse flowering plants; our seed is from a prize European collection, and is superb and unsurpassed.

Cineraria Hybrida.—Very choicest mixed. Per pkt., 25 cents.

CYCLAMEN PERSICUM GIGANTEUM OR GRANDIFLORUM.

A new large-flowering form of *Cyclamen Persicum*, which is very scarce and exceedingly valuable. The flowers of this magnificent *Cyclamen* are of extraordinary size, and of the most brilliant color. *Cyclamens* are among the most beautiful winter and spring flowering bulbs for window and greenhouse. The flowers are not only of striking beauty, but the foliage is also highly ornamental. The seed we offer is from the choicest collection in Europe. Price 50 cents per pkt.



Cyclamen.

GLOXINIA HYBRIDA GRANDIFLORA.

An elegant summer-blooming bulb for indoor decoration during the summer months. They are of unrivaled beauty; the soft, velvety leaves being surmounted with a cluster of large, lovely trumpet-shaped flowers of exquisite coloring. The ground-work of many is pure white, with throat of blue, scarlet, rose, and crimson, or the tubes are of bright colors with white throats. They bloom until late in summer. Price 50 cents per pkt.



Gloxinia.

PRIMULA SINENSIS.

"Chinese Primrose."—Indispensable for winter and spring decoration in the conservatory or sitting-room. There are no more satisfactory window plants than these, as they bloom constantly the whole winter long. The seed we offer has been saved from flowers remarkable for their size, color, and perfect form, and is of unsurpassed quality; greenhouse perennials. Sow in March and April.

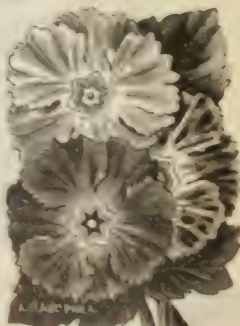
Primula Fimbriata Rubra, deep red, very fine. Per pkt., 25 cents.

Primula Fimbriata Alba, pure white. Per pkt., 25 cents.

Extra Choice, Mixed. Per pkt. 25cts.

SMILAX.

Myrsiphyllum Asparagoides.—One of the most delicate and beautiful of all vines; most extensively used in all bouquet work; for greenhouse culture. Per pkt., 10 cts.; \$1.50 per oz.



Fringed Primulas.

Mrs. Morewood desires to acknowledge the receipt of the plants sent by Mr. Pierson, which arrived on Saturday in very good order. They gave great satisfaction. She feels obliged to Mr. Pierson for the trouble he has taken about them, and also the extra plants he has sent her.

Mrs. MOREWOOD, "Beechdale," Pittsfield, Mass., June 11, 1899.



FLOWER SEEDS.

ALL BLOOMING THE SAME SEASON SOWN, UNLESS OTHERWISE STATED.

Directions for sowing Flower Seeds will be found printed on each packet.

PIERSON'S PERFECTION ASTERS.



run up in the stem, plant them out where they are to stand for blooming, in well-manured soil, being careful to remove them with as much mold attached to the roots as possible; let the rows be one foot apart, and the plants ten inches or a foot apart in the rows. If the weather is dry they must be watered until they take root; afterward keep clean from weeds, stir between the plants, and about the first week in August top-dress with rotten manure from an old hot-bed, or water frequently with liquid manure. Give them plenty of water and tie them to neat stakes as they advance in growth.

For an Autumn display it has no equal among annual flowers; as it is essentially a fall flower, like the Dahlia, and does best late, it can just as well be planted out of doors in May, unless *early* flowers are desired, as it does best, and the flowers are largest and most perfect when cool, dewy autumn nights come. We have eight beautiful colors, which we offer separately.

Pure White,
Rose Color,
Crimson,
Light Blue,

White and Black Blue,
Dark Red and White,
Dark Blue,
Dark Blood Red.

In separate colors, 10c. per package; the collection of eight papers for 75c.
With every collection we will add one package of our magnificent *New Hybrid Spiral Mignonette*, the finest Mignonette ever offered.

Finest Mixture.—Price, per package, 10c.; 6 pkts. for 50c.

ASTERS.

Asters, Victoria.—New, a splendid variety growing in pyramidal form, about two feet high; flowers very large, globular, beautifully imbricated; a single plant often having 15 to 20 flowers; 21 colors in finest mixture. Per pkt., 15c.

Victoria, Dwarf, Snow-white.—Pure snowy white, splendid for florists, or for others who desire white flowers. Per pkt., 15c.

Improved Dwarf Pyramidal Bouquet.—A splendid dwarf variety, growing only 1 foot in height; when well grown, a plant forms a compact bouquet of pyramidal shape, covered with blossoms, often as many as 100, completely hiding the foliage, from whence its name was suggested, "Bouquet" Aster.—In fact, being a living bouquet. Per pkt., 10c.

China Aster.—The original variety, fine mixed. Per pkt., 5c.

SWEET ALYSSUM.

Alyssum, Sweet.—An excellent border plant, its fragrant white blooms being indispensable for bouquets; in bloom constantly. Per pkt., 5c.

ACROCLINIUM.

One of the most beautiful Everlastings, bearing great quantities of bright pink and white daisy-like flowers, with a yellow centre; should be gathered the day they open.

Acroclinium Roseum.—Bright pink, charming. Per pkt., 5c.

Album.—Pure white. Per pkt., 5c.

Roseum fl. pl.—Flowers perfectly double and larger than the single sorts; very beautiful; new. Per pkt., 10c.

ABOBRA VIRIDIFLORA.

A pretty climbing perennial, with handsomely cut, glossy dark-green foliage; small, oval scarlet fruits, forming beautiful garlands.

Abobra Viridiflora. Per pkt., 5c.

ABRONIA.

Charming trailer, with Verbena-like sweet-scented flowers blooming throughout the season.

Abronia Umbellata.—Rosy lilac, with white eye. Per pkt., 5c.

AGERATUM.

Free-flowering bedding plants, producing a profusion of flowers continually, summer and winter.

Ageratum Mexicanum.—Flowers, light blue; two feet high. Per pkt., 5c.

Tom Thumb.—Dwarf; compact; 6 to 9 inches high; light blue. Per pkt., 5c.

**ADLUMIA.**

A beautiful climbing plant of graceful habit, with delicate pale-green pinnate foliage; flowers freely all summer, but not until the second season. Also called *Mountain Fringe* and *Alleghany Vine*; hardy, grows 15 feet high.

Adlumia Cirrhosa. flesh colored. Per pkt., 5c.

ANTIRRHINUM.

Snap Dragon; of easy culture; unsurpassed for summer and late fall flowering.

Antirrhinum Majus.—Tall, growing about 2 feet high. Extra choice varieties; finest mixed. Per pkt., 5 cents.

Tom Thumb.—Dwarf; 1 foot. Very beautiful varieties. Per pkt., 5 cents.

**AMARANTHUS.**

Grown for their bright foliage, which is remarkably brilliant; of no use whatever as pot plants. Sow in open ground.

Amaranthus, Tricolor.—Joseph's Coat. Per pkt., 5 cents.

Salicifolius.—Fountain plant. Per pkt., 5 cents.

Bicolor Ruber.—Dark red and yellow. Per pkt., 5 cents.

AMMOBIUM.

An everlasting flower; small, but very pretty, and very useful as a variety in winter bouquets.

Ammobium Alatum Grandiflorum.—An improved variety, twice the size of the common sort, and purer white. Per pkt., 5 cents.

AQUILEGIA.

One of our most beautiful hardy plants. The two varieties we offer being elegant; bloom the second season and perpetually afterwards. The common sorts are known as "Columbine."

Aquilegia Chrysantha.—The peculiar formation of the flowers of this class, so odd, and unlike almost anything else to be found in plant life, renders them desirable on this account alone. They are exceedingly showy, and rank among the best plants for early summer blooming. This is a strong growing, beautiful variety, attaining a height of 4 feet. Flowers bright yellow, produced freely all summer; a strikingly grand and beautiful plant. Per pkt., 10 cents.

Cerulea.—Flowers very large; sky blue and white. Per pkt., 15 cents.

BALLOON VINE

A handsome climber; curious from its inflated balloon-like seed pods, from which it derives its name.

Cardiospermum Halicacabum.—Per pkt., 5 cents.

BELLIS PERENNIS

(Double English Daisy).

Well known and charming early spring blooming plants, for edgings, etc., blooming with the Pansy Daisies may be easily raised from seed and had in bloom in a very short time. Flower from April to June.

Double White.—Pure snowy white. Per pkt., 10 cents.

Longfellow.—A fine large flowering double Daisy, with dark rose colored flowers. Per pkt., 15 cents.

**CANDYTUFT.**

One of the most useful annuals; very effective in beds, groups, borders, etc.; of the easiest culture, and can be had in bloom the whole season by successive sowings; white, purple, crimson, etc.

Candytuft, Rose Color.—Per pkt., 5 cents.

Dunnett's Crimson.—Extra dark. Per pkt., 5 cents.

Purple.—Per pkt., 5 cents.

White Rocket.—Very long spikes; pure white. Per pkt., 5 cents.

New Carmine.—Produces masses of vivid carmine flowers; a very beautiful shade. Per pkt., 10 cents.

Fine Mixed.—All colors. Per pkt., 5 cents.

CALLIOPSIS.

"Coreopsis."—One of the best annuals; of every shade of yellow, orange and rich reddish brown; grows about 2 feet high, and produces a very brilliant effect; seed may be sown where they are to flower; grow very easily.

Calliopsis.—Finest mixed colors. Per pkt., 5c.

**CARNATION.**

Popular favorites, which are deliciously fragrant, and with colors extremely rich and beautiful. The seed we offer is from the finest collection in Europe, and may be expected to produce something fine, although occasionally there will be found a few single flowers among them. These will be found to be very satisfactory, as they bloom in a perfect mass, as shown in the illustration. Hardy; will not bloom until second season.

Carnation.—Saved from choicest double flowers. Per pkt., 25 cents.

**CINERARIA HYBRIDA.**

Beautiful and very showy greenhouse flowering plants; our seed is from a prize European collection, and is superb, and unsurpassed.

Cineraria Hybrida.—Very choicest mixed. Per pkt., 25 cents.

CINERARIA (Dusty Miller).

Fine for ribbon lines, and bedding; more erect than the Centaurea.

C. Acanthifolia.—The best variety, with downy white silvery leaves; an improvement on C. Maritima. Per pkt., 10 cents.

CENTAUREA.

Centaurea Gymnocarpa ("Dusty Miller")—Finely divided fern-like silvery gray foliage; attains a diameter of two feet; the principal variety grown; should be sown early. Per pkt., 10 cents.

Centaurea Candidissima.—A dwarf variety growing only one foot high, with broad and thick white leaves. Per pkt., 15 cents.

CALCEOLARIA.

Plants of a highly decorative character, indispensable for the greenhouse. Our fine strains are remarkable for their large, magnificently marked flowers.

Calceolaria Hybrida.—All the varieties in splendid mixture from the most celebrated European collection. Per pkt., 25 cents.

CATCHFLY.

"Silene."—A beautiful free blooming, hardy annual, of easy culture; should be sown in beds or groups; succeeds in any garden soil.

Catchfly.—Finest mixed. Per pkt., 5 cents.

CACALIA.

("Tassel Flower").—A beautiful and profuse flowering genus of plants with tassel-shaped flowers, fine for mixed borders; they are of remarkably easy culture, but succeed best in rather rich soil; half-hardy annuals.

Cacalia.—Finest mixed. Per pkt., 5 cents.

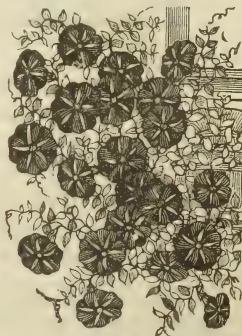
COBÆA SCANDENS.

One of the finest summer climbers; flowers large, pendulous, bell-shaped; would recommend it to any wishing a perfect climber of rapid growth for summer decoration—entirely free from insects; requires to be sown early in hot-bed or greenhouse. Per pkt., 10c.

**CYANUS.**

Better known as Bachelor's Buttons and Corn Flower.

A very ornamental and easily cultivated flower; exceedingly beautiful in mixed borders and much prized for bouquets; blooms all summer; flowers blue, purple, etc. Per pkt., 5 cents.

**CONVOLVULUS MAURITANICUS.**

For description, see bottom of first column, page 86.

**CANARY BIRD FLOWER.**

A very desirable climber, flowering freely. Yellow fringed.

Canary Bird Flower.—Per pkt., 10c.

CASTOR OIL BEAN.

“**Ricinus.**”—Stately, ornamental-leaved plants for centres of sub-tropical groups, etc.

Ricinus Sanguineus.—Blood-red stalks, splendid red fruit, in clusters; very ornamental, producing a grand effect. 10 feet. Per pkt., 5c.

Gibsonii.—Dark purple stem and leaves. Very ornamental. Per pkt., 5c.

Borboniensis Arboreus.—Very large and handsome foliage. The tallest sort growing 15 feet high. Per Pkt., 5c.

CAMPANULA CARPATICA.

“**Carpathian Harebell.**”—Hardy; a dwarf plant, with large showy blue flowers, blooming all summer, from June to October; beautiful; blooms the second season from seed, and continually afterwards. Per pkt., 5 cents.

CANTERBURY BELLS.

When well grown, Canterbury Bells are amongst the most attractive of border plants; they succeed in light, rich soil, and should be transplanted two feet apart. Hardy; bloom the second season.

Campanula Media Calycanthema.—A new improved sort; the most beautiful; finest mixed. Per pkt., 10 cents.

CONVOLVULUS MINOR TRICOLOR.

(Dwarf Convolvulus).

Remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect. Largely used and well suited for bedding; grow 1 foot high; flowers close up in afternoon, like *Portulacca*.

Convolvulus tricolor, crimson violet.—Flowers have a brilliant yellow eye encircled with a band of snowy white, margined with rich crimson violet. Per pkt., 5 cents.

Tricolor Roseus.—Beautiful rose-colored flowers, with pure white centre fringed with purple, shading away towards the throat in 5 broad bands of golden yellow. Per pkt., 5 cents.

Tricolor.—Fine Mixed. Per pkt., 5 cents.

Mauritanicus.—Beautiful for hanging baskets, vases and bedding; flowers blue; blooms very freely; splendid. Per pkt., 10 cents.

CALENDULA METEOR.

A valuable introduction for summer bedding or winter flowering, as it blooms incessantly. Grows 12 to 18 inches high, bearing large flowers, as shown in the illustration; deeply imbricated, regularly striped, deep orange on a pale straw-colored ground. The color is very striking, and the profusion with which they bloom is remarkable. Will bloom first thing, and bloom until long after frost. The flowers have been very much worn in “*Corsage Bouquets*,” and have been highly prized by florists. Every one can succeed with them. They are very popular where known. Per pkt., 5c.

Calendula Prince of Orange.—

New. Much darker than “*Meteor*,” the flower being striped with a more intense shade of orange, and this glowing tone imparted to the whole flower. Per pkt., 5c.

CLARKIA.

A hardy annual, blooming profusely: one and a half feet; useful for bedding.

Clarkia.—Finest Mixed. Per pkt., 5c.

Mrs. Langtry.—Snow-white, with a well-defined centre of brilliant crimson. Per pkt., 5c.

**COCKSCORN (*Celosia Cristata*).**

Interesting and brilliant annuals, and when well grown and from seed of best quality never fail to please and attract attention. These once much-grown plants are likely to come into favor again for summer decoration, from their quaint form, beautiful color, and enduring qualities: associated, also, as the plant is, with old flowers that are now enjoying the sunshine of revival.

Empress Cockscorn.—New. Splendid. Produces combs of colossal proportions; color bright crimson, rich and velvety. Unquestionably the finest strain in the country. Per pkt., 10c.

New Japan Cockscorn.—A new branching variety of great beauty, entirely different from the “*Empress*.” The branches are scarlet or crimson and far excel every other variety in the brilliancy of their color and the varied forms and beauty of their combs. Per pkt., 5c.

Dwarf Cockscorns, *Celosia Cristata Nana*.—Choice mixture of the newest dwarf created varieties. Per pkt., 5c.

CELOSIA PYRAMIDALIS.

The plumed or feathered varieties of the Cockscorn family; very fine for cutting in summer, and very ornamental.

Celosia Pyramidalis.—Finest mixed. Per pkt., 10 cents.

CYCLANTHERA.

A free-growing climber with handsome foliage and pretty oval-shaped fruit, exploding when ripe; half-hardy annual.

Cyclanthera explodens.—10 ft. Per pkt., 10c.

CYPRESS VINE.

One of the most beautiful climbers, with light, graceful, delicate foliage, and bright flowers. The seeds should be soaked in warm water before sowing. Plant May 15.

Cypress Vine, Scarlet.—Per pkt., 5 cents.

White.—Per pkt., 5 cents.



**"FRENCH MARGUERITES," OR
PAINTED DAISIES.**

Exceedingly beautiful, the colors having the appearance of being laid on with the brush. Bloom very freely, as shown in the illustration. For bouquets they are unequalled. They will be found to be charming additions to the flower garden or as pot plants. These are annual *Chrysanthemums*, but bear no resemblance to perennial *Chrysanthemums* whatever.

Chrysanthemum Venustum.—White, crimson centre. Per pkt., 5 cents.

Venustum Rubrum.—Very fine. Per pkt., 5 cents.

Burridgeanum, Improved.—Crimson, white centre. Per pkt., 5 cents.

Lord Beaconsfield.—Crimson maroon edged and striped with gold, surrounding a rich brown eye. Per pkt., 10 cents.

The Sultan.—Rich velvety crimson maroon, with golden rim about a quarter of an inch deep next the centre. Per pkt., 10 cents.

W. E. Gladstone.—New and very distinct, the whole of the flower being brilliant crimson; exceedingly rich. Per pkt., 10 cents. One paper each of above 6 sorts, 30 cents.

Finest Mixed Colors.—In one paper. Per pkt., 10 cents.

DOLICHOS.

"Hyacinth Bean." A climber, growing about ten feet high, flowering in clusters. The seed pods are also highly ornamental.

Dolichos Lablab.—Finest mixed, per pkt., 5c.

DELPHINIUM FORMOSUM.

An improved variety of the old-fashioned Larkspur. It is the grandest hardy blue summer flowering plant there is. It begins to bloom early in spring and continuously all summer; a beautiful showy plant; blooms second year from seed.

Delphinium Formosum.—Per pkt., 5c.

EVERLASTINGS.

See *Helichrysum*, *Acroclinium Rhodanthæ*, *Ammobium*, *Globe Amaranth*, *Gypsophila* and *Xeranthemum*.

EUPHORBIA.

"Snow on the Mountain." A showy border plant, with foliage veined and margined with white; very attractive.

Euphorbia Variegata.—Per pkt., 5 cents.



ESCHOLTZIA ROSE CARDINAL.

ESCHOLTZIA.

"California Poppy." Very showy, growing about one foot high, with a mass of blossoms about two inches in diameter, of many brilliant and showy colors. A bed of *Escholtzia* in the sunshine makes a blaze of color. Should be sown where they are to remain.

Escholtzia Californica.—Bright yellow, orange centre. Per pkt., 5 cts.

Mandarin.—The inner side of the petals is rich orange color, the outer side brilliant scarlet; very beautiful; when in full bloom it is gorgeous. Per pkt., 5 cents.

Rose Cardinal.—A distinct and lovely variety, with soft, clear, rosy-tinted flowers. It is a hybrid from the now popular *Escholtzia Mandarin*, and is an acquisition. Per pkt., 5 cents.

FOX GLOVE.

"*Digitalis*." Ornamental plants of great beauty. Hardy, flowering the second season; the blossoms are thimble-shaped; produced in dense spikes on stems 3 to 4 feet high.

Digitalis, Ivory's New Spotted. Very much improved varieties; an endless variety of colors. Finest mixed. Per pkt., 5 cents.

FORGET-ME-NOT.

"*Myosotis*."—The Forget-Me-Not is an old favorite plant, bearing clusters of small blue star-shaped flowers; hardy, but will bloom the first season if sown early; can also be sown in fall; indispensable among spring flowers.

Myosotis Palustris.—Blue flowers, white and yellow eyes. Per pkt., 5 cents.

GOLDEN FEATHER.

Pyrethrum Parthenifolium Aureum. A beautiful dwarf plant, six to nine inches high, of compact growth, forming an elegant feature for ribbon borders, marginal lines, or for the general purposes of the flower garden; foliage golden. Per pkt., 10 cents.

GILLIA.

Free flowering, with clusters of small, delicate flowers; must be sown where they are to remain; desirable for cutting.

Gillia.—Finest mixed Dwarf sorts. Per pkt., 5 cts.

GLOBE AMARANTH.

Gomphrena; often called English Clover, and Bachelor's Button; fine for winter bouquets of dried flowers; useful in mixed flower beds, as they bloom all summer.

Globe Amaranth.—Finest mixed. Per pkt., 5 cents.

*Godetia, Lady Satin Rose.***GODETIA.**

Well worthy extended cultivation; their delicate tints have long made them favorites in English gardens, although natives of America. *Hardy Annuals.*

Godetia, Lady Satin Rose, new.—This charming hardy Annual is admitted to be the most unique introduction of modern times; flowers brilliant carmine, shading rosy pink at the edges, the surface shining like satin. It is one of the most beautiful varieties yet raised and is a real acquisition. It is unequaled for brilliancy and general beauty. Per pkt., 5 cents.

Bijou.—Flowers snowy white, with a bright pink spot at the base of each petal. Never exceeds 6 inches in height, and forms a dense bush a foot through, covered with a mass of bloom. Per pkt., 5 cents.

Duchess of Albany.—A superb variety, producing a profusion of large, handsome satiny white flowers, the individual blooms frequently measuring 4 inches across, and undoubtedly the finest white Godetia ever sent out. Per pkt., 5 cents.

Finest Mixed, all colors. Per pkt. 5 cents.

**GAILLARDIA PICTA LORENZIANA.**

New Double Gaillardia. This is an introduction of the greatest importance, and one which will prove to be of lasting merit. As an ornamental plant, and on account of its long duration of bloom, and its usefulness for cut flowers, it cannot be too highly recommended. Per pkt., 10 cents.

GAILLARDIA.

Known by the common name of Blanket Flower; constant bloomer throughout the whole season; remarkable for the profusion, size, and brilliancy of their flowers; one of the gayest summer flowering plants.

Gaillardia Hybrida Grandiflora.—The largest and most beautiful of the species; rich crimson and yellow. Per pkt., 5 cents.

GYPHOPHILA.

A treasure for bouquets either summer or winter: flowers and foliage very delicate, a mass of the finest little leaves and branches, covered with tiny star-shaped flowers.

Gypsophila Paniculata.—White. Per pkt. 5 cents.

**ORNAMENTAL GOURDS.**

These have been selected for the ornamental character of their foliage, the singularity of their fruits, and peculiarity of their color. Some are of very large size and of curious form, while others are small. Wherever grown they never fail to excite admiration.

Gourds, Orange.—The well-known mock orange. Per pkt., 5 cents.

Japanese Nest Egg.—White; a perfect imitation of an egg. Do not crack and are not injured by heat or cold. Very ornamental climbers and the best of nest eggs. Per pkt., 5 cents.

Hercules Club.—The longest of all the varieties; long, large, club shaped. Per pkt., 5 cents.

Pear Shaped.—Very beautiful; yellow and green striped, cream color. Per pkt., 5 cents.

Lemon.—Yellow, very small, showy. Per pkt., 6 cents.

Bottle.—Handsome and useful. Per pkt., 5 cents.

Sipho or Dipper.—Long slim handles, useful for dippers. Per pkt., 5 cents.

Powder Horn.—In the shape of a powder horn. Per pkt., 5 cents.

One pkt. of each of above 8 kinds for 40 cents.
Ornamental Gourds.—Finest mixed. Per pkt., 5 cents.

**HOLLYHOCKS.**

The distinctive character and massive beauty of the Hollyhocks render them unrivaled as a picturesque relief to the dark background of evergreen shrubs. For distant effect in large groups they are matchless; they also form a showy and effective outline in flower-gardens and borders; bloom second season from seed. Our improved varieties are magnificent with the most perfect flowers. They are superb—from the finest collection in Germany.
Extra Choice, from named sorts. Per pkt., 15c.

HELIOTROPE.

A universal favorite, producing throughout the summer an abundance of deliciously fragrant flowers. No bouquet is finished without it.

Heliotrope, Finest Mixed.—Per pkt., 10 cents.

**HELICHRYSUM.**

"Everlastings."—The best of all the Everlastings; large and showy plants for the border; grow generally about 2 feet high. Very ornamental, and highly prized for dried winter bouquets. Easily grown, and succeed anywhere. Flowers should be cut before fully expanding.

Helichrysum Fireball.—New, a beautiful everlasting, very double, bright crimson; extra. Per pkt., 5 cents.

Monstrosum.—Finest mixed; improved large double flowers, very fine. Per pkt., 5 cents.

ICE PLANT.

A very singular dwarf trailing plant, much used for garnishing; the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. *Half Hardy Annual.*

Ice Plant.—Per pkt., 5c.

IPOMEA.

Ipomea Coccinea.—Star Ipomea; one of the most beautiful and reliable of our rapid-growing summer climbing vines; growing to a height of ten feet; flowers brilliant scarlet; marked with white stripe on each petal. Per pkt., 5c.

Bona Nox.—Evening glory; pure white; large and fragrant; a fine climbing plant; opening towards evening. Per pkt., 10c.

Limbata Elegantissima.—Magnificent climber. Large flowers in form of a five-pointed star, with intense purple centre and pure white margin. Per pkt., 5 cts.

LARKSPUR.

Most desirable plants, the prevailing color being blue; splendid for mixed borders.

Larkspur.—Dwarf Rocket, 1 foot high. Per pkt., 5c.

Emperor. For profuseness of blooming the Imperial Larkspur is unequalled, a single plant being seldom seen with less than 100 close, erect spikes of flowers upon it. It is of symmetrical, bushy habit, 1½ feet. Per pkt., 5c.

LAVENDER.

Chiefly cultivated on account of the delicious fragrance of their flowers and leaves; they succeed in any common soil; hardly perennial.

Lavendula spica, lilac; 2 feet. Per pkt., 5c.

LUPINS.

Lupins are well-known plants, commonly called sun dials; seed should be sown where they are to remain.

Lupinus, mixed annual sorts. Per pkt., 5c.

LOBELIAS.

The prettiest of blue flowering plants, with delicate foliage and a profusion of flowers; admirable for baskets.

Crystal Palace Compacta.—Blue; the best bedding variety. Per pkt., 10c.

Gracilis.—Bright blue, trailing; best for baskets. Per pkt., 5c.

Gracilis Alba.—White. Per pkt., 5c.

LOPHOSPERMUM.

Exceedingly ornamental climbing plants, with large and handsome flowers. Very effective. Fine for vases, etc.

Lophospermum Hendersonii.—Rosy carmine. Per pkt., 10c.

MARVEL OF PERU.—"Four O'Clock."

Old-fashioned, but none the less beautiful on that account. The flowers are funnel-shaped, white, red, and striped, very fragrant, and open about four o'clock in the afternoon, (hence the name), remaining open all night, and generally perishing before noon the next day. The French call it *Belle de Nuit*, Beauty of Night. Two feet high.

Finest Mixed.—Per pkt., 5c.

MAURANDIAS.

Exquisite, slender climbing plants, with graceful foliage, and handsome white, pink or purple trumpet-shaped flowers.

Finest mixed colors, Per pkt., 10c.

**MIGNONETTE.**

Indispensable for bouquets; successive sowings made frequently will give an abundance of flowers continually in great perfection.

Reseda Odorata.—Common Mignonette. Per pkt., 5 cents; per oz., 16 cents.

MIMOSA PUDICA.

"Sensitive Plant."—A tender annual; curious from the fact that when touched its leaves close and droop, from which habit the name is derived. Most suitable for pot-culture. Per pkt., 5c.

**MARIGOLD.**

Well-known, free-flowering plants, with handsome double flowers, of rich and beautiful colors. The dwarf French is used as a foreground to taller plants, and makes splendid compact edgings.

Marigold, Dwarf French.—One foot. Per pkt., 5 cents.

Tall African.—The most striking in large beds or mixed borders; 2 feet high. Per pkt., 5 cents.

Tagetesig nata Pumila.—A beautiful plant, forming a compact globular bush, and covered with bright yellow blossoms, with a reddish brown stripe through the centre of each petal. Per pkt., 5 cents.

Eldorado.—See Specialties, page 75.

MIMULUS.

Mimulus Moschatus—"Musk Plant."

This fragrant and universally favorite little plant is so well known, we need only remark that it is equally at home in sitting-room, greenhouse or flower-garden. Per pkt., 10c.

Hybridus Tigrinus.—"Monkey Flower."—Elegantly spotted flowers, as fine as Calceolarias, and of easy culture; fine for baskets and house culture. **Superb Mixed.**—Per pkt., 10c.

MORNING GLORY.

"Convolvulus Major."—Handsome, showy climbers, useful for covering any trellis work quickly.

Morning Glory.—Finest mixed. Per pkt., 5c.

TALL NASTURTIUM.

Of the same general appearance as the dwarf sorts, but growing to the height of 10 feet or more; a fine summer climber. The half-ripe seed pods are much esteemed for pickles. Per pkt., 5c.

For Dwarf Tom Thumb Nasturtium see specialties, page 78.

NEMOPHILA.

The Nemophilas are pretty, delicate, hardy annuals. The flowers are mainly blue and white. They do best if sown in a frame and transplanted early, as the hot sun injures the flowers; but do finely all summer, if planted in a rather cool, shaded place. Set about six inches apart. A few plants set early among spring flowering bulbs in autumn, or seeds scattered over the beds, will give a good account of themselves in early spring.

Nemophila.—Mixed varieties. Per pkt., 5c.

**PORTULACCA.**

Portulacca, Single.—For brilliancy, delicacy, diversity, and beauty of color the Portulacca surpasses all other outdoor plants. It luxuriates in light soils and sunny situations, rapidly carpeting the ground with its flowers and foliage. For small beds, edgings, or rockwork it is incomparably the finest annual grown.

Alba.—Pure white.

Aurea.—Deep golden yellow.

Rosea.—Bright pink.

Splendens.—Crimson.

Thellussont.—Scarlet.

Thorbont.—Straw color.

Price 5c. per pkt.; one of each 6 colors, 25c.

Finest Mixed.—All colors, 5c. each.

Double.—Finest mixed; cannot be relied upon to produce entirely double flowers, but a proportion only. Per pkt., 10 cents.

**PETUNIA.**

A well-assorted bed of Petunias is one of the showiest and most effective beds that can be planted. The brilliancy and variety of its colors, combined with the duration of its flowering period, render it invaluable.

Finest Striped and Blotched.—The finest in cultivation (except our "New Fancy Hybrid"); all colors. Per pkt., 10c.

For Finest Fringed Hybrid Petunias see specialties, page 75.

**PINKS (Summer Garden Varieties).**

"**Dianthus**."—Bloom continually all summer long, and are very valuable for bouquets and for cutting for vases, etc. One of the most satisfactory plants grown in the garden.

Dianthus Reddewegii.—Single, large flowers, beautiful rich colors, finely marked. Per pkt., 10c.

Diadematus, fl. pl., "Double Diadem Pink."—

Of dwarf, compact habit, of various tints of rose, maroon, and purple, one of the best, with brilliant markings and dazzling colors. Per pkt., 10c.

Chinensis fl. pl., "Double China Pink."—Very fine, blooming for two seasons; richest shades of color. Per pkt., 5c.

Eastern Queen.—Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. Per pkt., 10c.

Crimson Belle.—Rich, vivid, crimson-like color; flowers of extraordinary size and substance, evenly and finely laciniated. Per pkt., 10c.

One pkt. each of above 5 sorts for 25c.

Finest Mixed, all the above sorts in one paper, 10 cents per pkt.

PERENNIAL PEAS.

"**Lathyrus Latifolius**."—Perennial Peas are perfectly hardy in this climate; die down to the ground every winter and start again in the spring. Grow ten or more feet in height.

Finest Mixed. Per pkt., 5c.

For Sweet Peas see Specialties, page 74.

PHLOX DRUMMONDI.

One of the most brilliant plants, producing a constant mass of bloom. Not excelled by any other annual grown. Our varieties will be found unusually fine.

Phlox Drummondii.—**Finest Mixed**. Per pkt., 5c.

For Phlox Drummondii grandiflora, see Specialties, page 73.

SALVIA.

Salvia, called Flowering Sage, grows freely in any light, rich soil; from 18 inches to 2 feet in height. Plants should get a good start in the hot-bed, and not be planted out before the weather is warm.

Salvia Splendens.—Brilliant scarlet. Per pkt., 10 cents.

**RHODANTHE.**

A well-known and splendid everlasting; also valuable for the decoration of the conservatory and flower-garden; fine for bedding.

Maculata.—Rosy purple, crimson centre. Per pkt., 10c.

Maculata Alba.—Pure white, yellow disc. Per pkt., 10c.

Prince Bismarck.—Double bright rose. Per pkt., 10c.

Atrosanguinea.—Dark purplish crimson, very brilliant, 10c. One pkt. each, 4 sorts for 30c.

**SCABIOSA.**

"**Mourning Bride**, or **Sweet Scabious**." A beautiful border plant, producing in profusion flowers in great variety of colors. The flowers are quite double and globular, varying in all the shades of white, carmine, maroon, lilac, etc.; a most valuable flower to use in bouquets or vases of cut flowers.

Scabiosa Nana, Fl. Pl.—1 foot. Per pkt., 5c.

SWEET WILLIAM.

A well-known, free-flowering, popular favorite; the great improvements upon the old varieties made within the last few years have rendered it still more desirable; hardly perennials.

Sweet William Auricula Flowered.—A very handsome variety, producing immense trusses of bloom; 1½ feet. Per pkt., 10c.

Double Flowering.—Mixed, 1½ feet. Per pkt., 10c.

SMILAX.

Myrsiphyllum Asparagoides.—One of the most delicate and beautiful of all vines; most extensively used in all bouquet work; for greenhouse culture. Per pkt., 10c.

STOCKS.

The Stock has for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable. The seed is grown with such great care that a very large proportion of double flowers are produced from the seed, and of great fragrance and beauty. To have them in bloom early, start in hot-bed and transplant when small into pots, and turn out in June to open border. The seed may also be planted in the open ground. Hardy annual; one foot high.

Ten Weeks.—Very fragrant; large spikes, of brilliant colors. Per pkt., 5 cents.

New Large Flowered Dwarf Pyramidal.—The most popular stock in cultivation. Per pkt., 10 cents.

Snowflake.—Uncommonly large and very double; snow-white flowers; the glossy, dark green foliage renders the dazzling whiteness of the flowers more conspicuous. Per pkt., 15 cents.

SUNFLOWER.

Helianthus Californicus.—Extra large and double; 5 feet. Per pkt., 5 cents.

Mammoth Russian.—Single, very large, sometimes growing 10 to 12 feet high. Per pkt., 5 cents.

Globosus Fistulosus.—The best of the sunflowers; very large and double; 6 feet. Per pkt., 5 cents.

SOLANUM.

Solanum Capicastrum, or "Jerusalem Cherry." Miniature orange-tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the greenhouse or sitting-room. Per pkt., 5c.

THUNBERGIA.

A beautiful climber, growing 4 to 6 feet high, and flowering profusely throughout the summer months; flowers pale buff, white and orange, with nearly black throat, leaves shaped somewhat like a spade.

Finest Mixed. Per pkt., 5 cents.

TROPEOLUM.

Elegant growing, profuse flowering, and easily cultivated climbers, combining with these important qualities great richness and brilliancy of color; with finely formed and beautifully marked flowers; for covering trellises, verandas, etc.

Tropeolum Lobbianum.—Finest mixed. Per pkt., 5c.

TORENIA.

Torenia Fournierii.—The Torenias are among the prettiest summer plants for vases or hanging baskets, and this variety, although not altogether new, is so distinct and pleasing as to be well worthy of special mention. The flower is sky-blue, dotted with three dark blue spots, has a bright yellow throat, and is an exceedingly free bloomer. Per pkt., 15c.

**VINCA.****VINCA.**

This old and popular plant should be in every garden; of compact, bushy growth, producing its masses of bloom from June to frost. Its continued bloom makes it very desirable for massing.

Alba.—Pure white.

Rosea.—Rose; dark eye.

Oculata.—White, crimson eye.

Per pkt., 10c each; the three sorts for 25c.

**EXTRA CHOICE VERBENAS.**

Seed should be sown in March. If plants are wanted in flower early. Sown in open ground in April or May, will bloom in August.

Finest Mixed.—All colors; from the finest named sorts.

Scarlet.—Very brilliant scarlet.

Dark Blue.—The best of this color.

White.—Beautiful pure white.

Price, 15c. per pkt.; one of each 4 sorts for 50c.

WALL FLOWER.

The flowers of the Wall Flower are deliciously fragrant, and greatly prized.

Finest mixed, all sorts. Per pkt., 10c.

XERANTHEMUM.

A showy class of Everlastings; the flowers, when gathered young, are useful for winter bouquets; they are among the most easily cultivated of annuals, requiring only to be sown, about May, in the open ground.

Finest Mixed.—All colors. Per pkt., 5c.

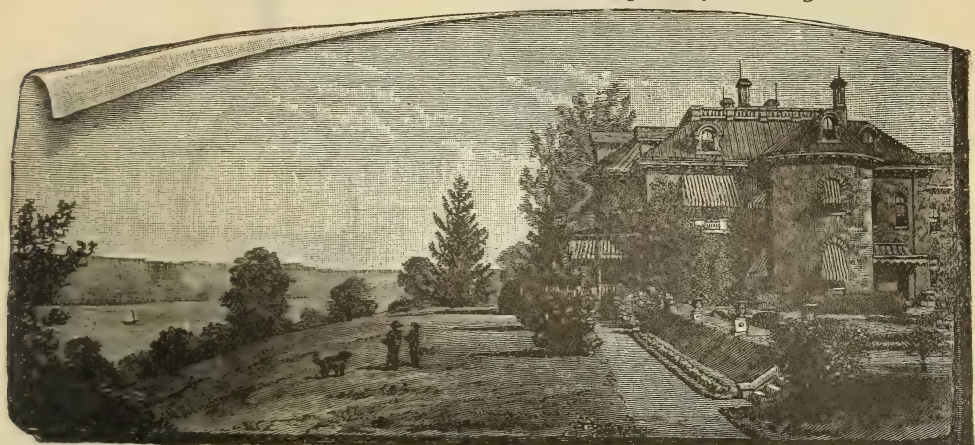
**ZINNIA ELEGANS.**

The double Zinnia is one of the sterling summer and autumn flowering plants. The flowers are large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective.

Finest Mixed.—All colors. Per pkt., 5c.

GARDEN AND GREENHOUSE SUPPLIES.

Only by freight or express at these rates, unless price by mail is given.



OUR SUPERIOR LAWN DRESSING

is entirely odorless and furnishes a highly concentrated, clean and cheap means of enriching Lawns and Grass plots, supplying all the elements to produce a vigorous, velvety, dark green lawn, much better than stable manure, as when applied it cannot be seen, and contains no weed seeds. It will cause a quick, rich growth in early spring. A Lawn, no matter how well made, cannot be kept perfect unless frequently enriched. Use at the rate of $2\frac{1}{2}$ lbs. for every 100 square feet. Fine for Cemetery plots. Use $\frac{1}{2}$ ton per acre. Price per bag; 10 lbs. for 50c.; 50 lbs. for \$2.00; 100 lbs. for \$3.00; \$40.00 per ton.

BEST PERUVIAN GUANO.

Price, 10 lb. 60c; 50 lb. \$2.50; per bag 200 lbs. at \$4.00 per 100 lbs.

FOOD FOR FLOWERS.

This preparation is odorless, and is prepared expressly to supply the wants of Flowers when grown in the house or conservatory. It affords the plants their proper nourishment. If you wish your plants to grow and blossom in the house you must feed them. Full directions for use accompany each package. Each box contains enough fertilizer for 20 plants for 3 months.

Price 20 cents each. By mail, add 8 cents for postage.

PURE BONE FLOUR.

This is a very fine quality of bone, ground extra fine, and is largely used for mixing in potting soil for winter flowering roses, for which purpose it is particularly valuable. Free from Acid. 10 lb. bag, 50c.; 50 lbs. for \$2.00; 100 lbs. for \$3.00; per bbl. of about 225 lbs. \$2.50 per 100 lbs., \$45.00 per ton.

FLOWER POTS AT MANUFACTURERS' PRICES.

Delivered here at the following prices, anywhere within reach of our delivery wagons.

We keep constantly on hand, for the convenience of our local trade, an assortment of all sizes of Flower Pots of a superior make, which we are prepared to deliver in this vicinity at the manufacturers' price. We are enabled to offer these unusual terms from the fact that our sales of Flower Pots have steadily increased, and, in consequence of the quantity we handle yearly, we are enabled to buy at bottom figures. Orders from purchasers at a distance will be packed and delivered on cars, at price named, with no charge for packing, and shipped by freight from the factory in Connecticut.

2½ inch.....\$0 90 per 100	5 inch.....\$3 00 per 100	9½ inch.....\$12 00 per 100
3 " 1 25 "	6 " 4 50 "	11 " 25 00 "
3½ " 1 50 "	7½ " 7 50 "	13 " 55 00 "
4 " 2 00 "	8 " 10 00 "	14½ " 75 00 "

INSECT DESTROYERS.

Hammond's Slug Shot.—As deadly to insect life as Paris Green, but is *not* poisonous. It does not injure vegetables or fruits on which it is applied and yet is an effective insect destroyer. The most valuable and effective insect destroyer ever offered to farmers and gardeners, being fatal to insect life in every form in which they are injurious to vegetation; cheap and effective; guaranteed to destroy potato bugs, currant worms, squash bugs, cabbage worms, cabbage flea, etc. It is a powder, and readily dusted on. The quantity required is regulated by the number of plants and their size, at the time of its use, and varies from 10 to 40 lbs. per acre for each application. It is best applied lightly but thoroughly, should be applied after every hard rain, when insects are troublesome. Is most conveniently applied by a "Duster," for Potatoes, Cabbage and Vine crops, and for Currant and Rose worms with the "Garden Bellows," both of which we can

furnish. Price 5 lb. package, 30c.; 20 lbs. for \$1.00. Per barrel (235 lbs. net), 3¼ c. = \$8.82.

Persian Insect Powder.—The best and most convenient remedy for killing insects of all kinds on house plants, especially where a liquid insecticide would be inconvenient, if not impossible, to use. Can be applied best by powder gun in the form of dust. 10c. per oz.; 25c. per ¼ lb.

Tobacco Stems.—For fumigating greenhouses, 25 lbs. for 75c.; 100 lbs. \$2.00; per bale, \$3.50.

Tobacco Dust.—10c. per lb.; 25 lbs. \$1.00; 100 lbs. \$3.00.

Sulphur (Flowers of).—For destroying mildew. 10c. per lb.; 10 lbs. for 60c.

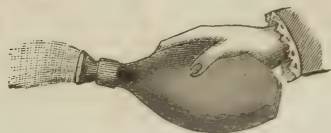
Whale Oil Soap.—For the destruction of insects on plants: will destroy aphids or green fly, slugs on roses, thrips on grapevines, etc. 20 cents per lb.; 5 lbs., 75 cents.

Tobacco Soap, or Jacques Sapo Tobacum.—40c. per pound.

The Complete Garden Bellows.—This is the best and cheapest bellows made for applying Sulphur, Slug shot, etc., and is a gem of its kind. It is strongly and neatly made and substantial in all its parts. Price \$1.50 each.

Slug Shot Duster.—These hold one gallon; the bottom is finely perforated, which allows of the even and economical use of the slug shot on potatoes, cabbage, etc.; a grand labor-saving device. Price 50c each.

Powder Gun.—For applying insect powders, sulphur, etc., where a large bellows would be inconvenient; a very handy little thing. Every house-keeper should possess one. 30c each; by mail, 40c.



Rubber Sprinkler.—Invaluable for sprinkling floral designs, bouquets and delicate seedlings, also for showering the foliage of house plants, thereby keeping them healthy. \$1.00 each; by mail, \$1.15.

Live Sphagnum or Packing Moss.—bbl., \$2.00.



Excelsior Weeding Hook.—Saves the hands, and is much better and thorough, loosening the surface of the ground and destroying all weeds. Price 15 cents; sent by mail, postpaid, for 20 cents each.



The Lightning Weeder.—We can recommend this little tool as *first-class every way*. Blade is solid steel, oil tempered. When we say that it is as indispensable in the strawberry bed or the flower or vegetable garden, as the axe to the woodman or the saw to the mechanic, we mean every word of it. It repays its cost many times in a single day's use. When known, it will be as commonly found in the garden as the broom in the household. Price 25 cents; by mail, postpaid, 35 cents.

Grafting Wax.—15 cents per $\frac{1}{4}$ lb; 25 cents per $\frac{1}{2}$ lb.; 40 cents per lb.

Hand Pruning Shears.—\$1.00 and \$2.00 each. Trowels.—6 inch. 15 cents each; by mail, 25 cents each.

Flower Pots.—At manufacturers' prices. Thumb Pots to Gallon Pots, all sizes.

BOUQUET MATERIALS.

Toothpicks.—For stemming flowers, per box (2,500)..... 15c
Bouquet wire.—Fine..... per lb. 40c
Rose Wire.—Heavy..... " 30c
Tin Foil...... " 30c
Smilax Cord.—Green cord used for training Smilax on. Does not show through the foliage..... per ball. 15c
Raphia.—For tying..... per lb. 25c



Rustic Hanging Baskets.—Ten inch basket, \$1.25; 12 inch basket, \$1.50. These have deep bowls, and are extra well and strongly made.

Painted Tree and Plant Labels.—These are the best labels we have ever used. They are more durable than the common label, being protected from the action of the soil, and will keep for years; they render pencil writing almost indelible, and moisture does not rough them up as it does the plain. They are painted and ready for use at any time.

Pot and garden labels, 4 inches long. Per 1,000, 75c; per 100, 15c.

Pot and garden labels, 6 inches long. Per 100, 25c.

" " 8 " " 40c.

" " 12 " " 60c.

Tree labels (notched for wire), 3 $\frac{1}{4}$ inches long, per 1,000, 75c.; per 100, 15c.



Pruning Knives.....each, \$1.25



Budding Knives.....each, 1.25

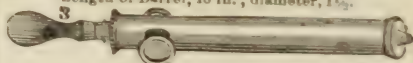
HEDGE SHEARS.

The large size, durably made. The best.

Price \$2.25 each.

SYRINGES.

Length of Barrel, 18 in., diameter, 1 $\frac{1}{4}$.



Best Plate Valve Syringe. The finest Syringe made; highly polished, with one stream and two spray roses, one fine and one coarse.

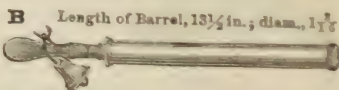
Price \$5.50 each.

Length of Barrel, 13 $\frac{1}{2}$ in.; diam., 1 $\frac{1}{8}$.



This is a smaller sized or ladies' Syringe, of just as good workmanship and with same attachments as our No. 3, and when but little used is just as good.

Price \$3.75.

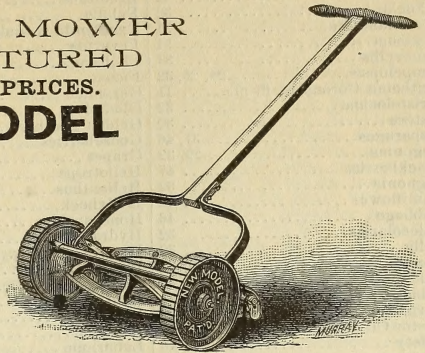


The cheapest durable Syringe made; with one stream and one spray rose.

Price \$2.25 each.

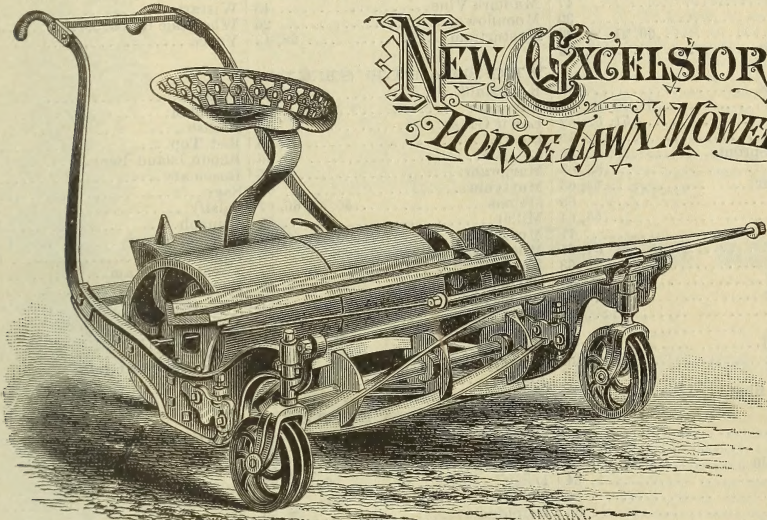
WE OFFER
THE BEST LAWN MOWER
NOW MANUFACTURED
AT GREATLY REDUCED PRICES.
THE NEW MODEL

combines all the latest improvements. It is the simplest and most durable in construction, not liable to get out of order. All parts are interchangeable, and can be duplicated if broken or worn out. It will cut high grass. It is provided with a guard, to prevent cutting shrubbery or trees, and to prevent injury to knives. It is noiseless in operation, and is



THE MOST PERFECT IN EVERY RESPECT.

Our reduced price, 12 inch cut.....	\$ 7 50	Manufacturers' retail list price.....	\$15 00
" " " 14 " "	8 50	" " " "	17 00
" " " 16 " "	10 00	" " " "	19 00
" " " 18 " "	11 00	" " " "	21 00
" " " 20 " "	12 00	" " " "	23 00



**NEW EXCELSIOR
HORSE LAWN MOWER**

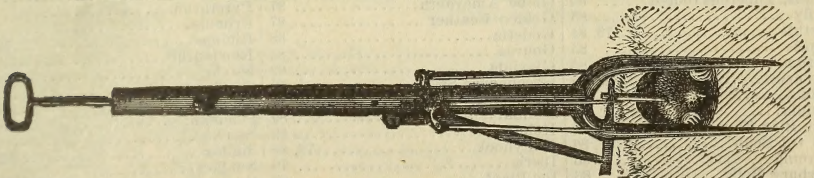
Guaranteed to be the best and most Perfect Horse Lawn Mower manufactured.

It is used exclusively by the Government, and on the largest public and private lawns in the country.

They are furnished with shafts, seat, and side draft attachment, which keeps the horse on the cut grass only. Every mower warranted to give complete satisfaction.

Our reduced price, 30 in. cut with seat and shafts \$	65 00	Manufacturers' retail list price.....	\$116 00
" " " 35 " "	77 50	" " " "	135 00
" " " 40 " "	95 00	" " " "	170 00

THE ISBELL MOLE TRAP.



IT NEVER FAILS.

This Trap is acknowledged by all who have given it a trial as the best device ever invented for catching and destroying the underground mole, which is overrunning cemeteries, parks, lawns, and gardens. When properly set it never allows the mole to escape, and no skill is required in setting it. Price \$2.00 each.

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OUR catalogue each year goes into the hands of a great many who have never dealt with us before, and to whom we may be comparatively unknown. To all such we desire to call attention to the character of our trade. We are situated within less than an hour's ride from the city of New York, on the beautiful banks of the Hudson, a region of country renowned, the world over, for its beautiful residences and estates. There is no other section of the country where so much wealth is represented as in this immediate vicinity. Here Jay Gould has his princely home, Cyrus W. Field resides at Ardsley Park, a magnificent estate, and within a few miles are the residences of the Kingslands, Wm. Rockefeller, J. C. Fargo, Pres. Am. Express Co., C. L. Tiffany, of Tiffany & Co., Hon. Judge Noah Davis, of the Supreme Court of New York, the estates of Peter Hoe and of the late Robert Hoe, manufacturers of the celebrated Hoe Printing Presses, Henry Villard, E. S. Jaffray, William H. Webb, the noted ship builder, Alexander Hamilton, Esq., David Dows, I. S. Archbold, J. J. Astor, and Mr. A. S. Hatch's Castle on the Heights, not the least one of the many points of interest. The country is magnificent; one estate succeeds another, stretching along the banks of the Hudson for about five miles. Costly mansions, beautiful parks, and everything to beautify that wealth and taste can furnish, go to adorn surroundings that nature had wellnigh left perfect. Our Seed and Plant Establishment is in the midst of this wealth and culture, and our trade in consequence is very exacting and discriminating, requiring the choicest varieties, a demand which we seek to our utmost to meet. Such a list of customers, who, of course, are but few of many others, should be guarantee enough of the superior qualities of our goods, and the careful supervision we bestow upon our business. Our reputation for choice seeds and plants is now well known in every part of this country, and we send thousands of the tenderest plants to all parts of the United States, sending as safely to California and Texas as we can to New York.

Our interest in the seeds and plants we sell by no means ceases when they leave our establishment. We do everything in our power to ensure success, and if good cultivation is given, and attention paid to the plain and simple directions in this catalogue, failure can hardly result. Our aim is to offer only the best of everything; well tested and superior varieties that will be satisfactory to the buyer, and so become a standing advertisement for us. And our success in so doing is attested by our many friends all over the Union. Fair dealing, a superior article, at as low a price as is consistent with our high standard of quality, is ever held in view. Last season we made thousands of new customers, and the many flattering testimonials we received were appreciated. The marked increase in our business every year is the best evidence we have that our seeds and plants and methods of doing business please those who deal with us.

Premium Plants and Seeds.

TO BE GIVEN TO ALL OUR CUSTOMERS FOR 1889.

We offer to every customer the following valuable presents. They are all of sterling merit and worthy of special attention and general cultivation, and have been selected on that account. The giving of these premiums does not detract in the least from what we sell, our prices being fixed at the lowest rates consistent with our high standard of quality.

These articles we give away we produce ourselves in large quantities, thus reducing their actual cost to us, while not diminishing their value to our customers. But we cannot do this unless order is accompanied by the cash; this lessens the office labor in our hurried season, and so facilitates business. "Time is money" with us, certainly at that time.

Every one sending us \$3.00 cash at one time may select any one of the following Premiums.

Every one sending us \$5.00 cash at one time may select any two of the following Premiums.

Every one sending us \$10.00 cash at one time may select any four of the following Premiums.

PREMIUM No. 1.—Three choice Monthly Roses, of our selection, all different.

PREMIUM No. 2.—Three choicest varieties of Chrysanthemums, of our selection.

PREMIUM No. 3.—Three Moon Flowers. For description of this unequalled summer climber, see page 17.

PREMIUM No. 4.—Three double-flowered Ivy-leaved Geraniums, see page 18.

PREMIUM No. 5.—Three choicest New Hardy Phloxes, of our selection.

PREMIUM No. 6.—One Hydrangea Thos. Hogg and one Hydrangea Otaksa.

PREMIUM No. 7.—Three choicest varieties of either Single or Double Dahlias, of our selection.

PREMIUM No. 8.—Collection Newport Sweet Peas, including Adonis.

PREMIUM No. 9.—One paper of either Trimardeau, Ne Plus Ultra, or Perfection Pansy Seeds.

PREMIUM No. 10.—Collection of 10 papers choice annual flower seeds, of our selection.

PREMIUM No. 11.—Collection of 10 papers choice selections in vegetable seeds of our selection.

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THE BERMUDA EASTER LILY.

FROM A PHOTOGRAPH TAKEN IN BERMUDA SHOWING EXTRAORDINARY DEVELOPMENT OF A PLANT
WITH 145 BLOSSOMS ON A SINGLE STEM; AN AVERAGE PLANT IN THE FOREGROUND.

HEADQUARTERS FOR, AND THE LARGEST GROWER OF, THIS VALUABLE LILY IN THE WORLD. WE OFFER ONLY STRONG FIELD-GROWN
BULBS FROM OUR OWN GROUNDS IN BERMUDA.

FOR DESCRIPTION AND PRICE, SEE CATALOGUE.